

FIG.1

201120" 46264001

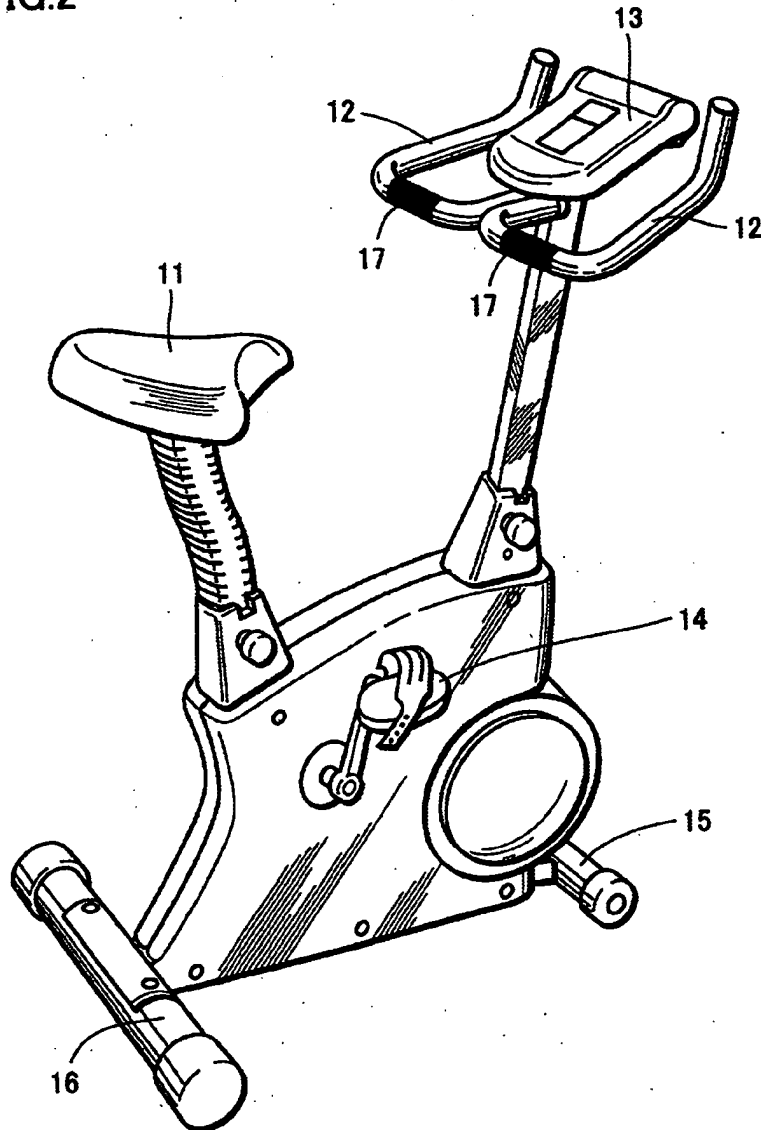


FIG.3

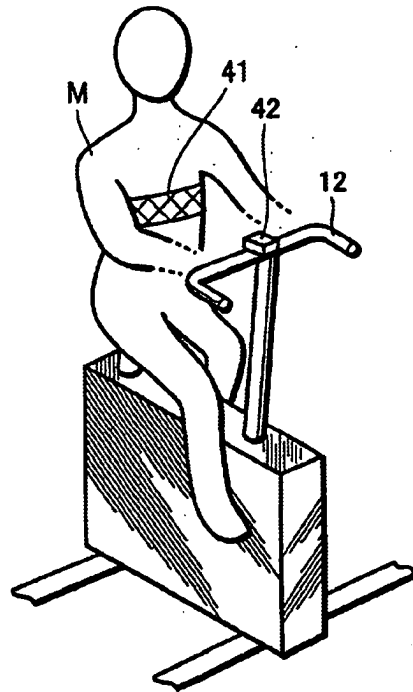
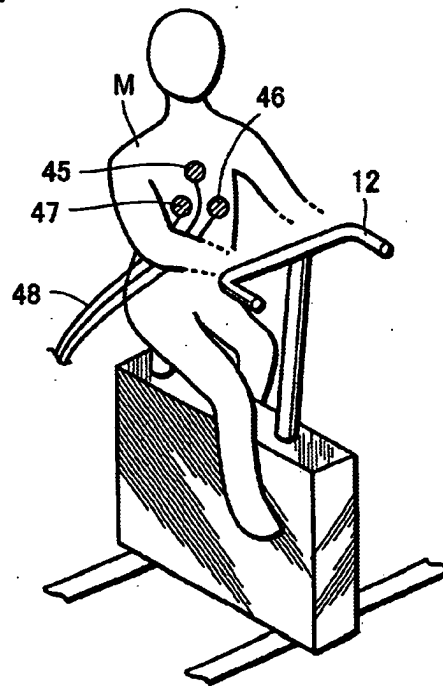
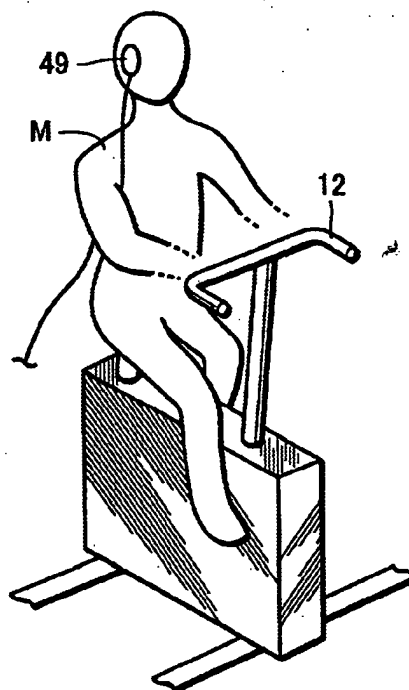


FIG.4



20110207 26264001

FIG.5

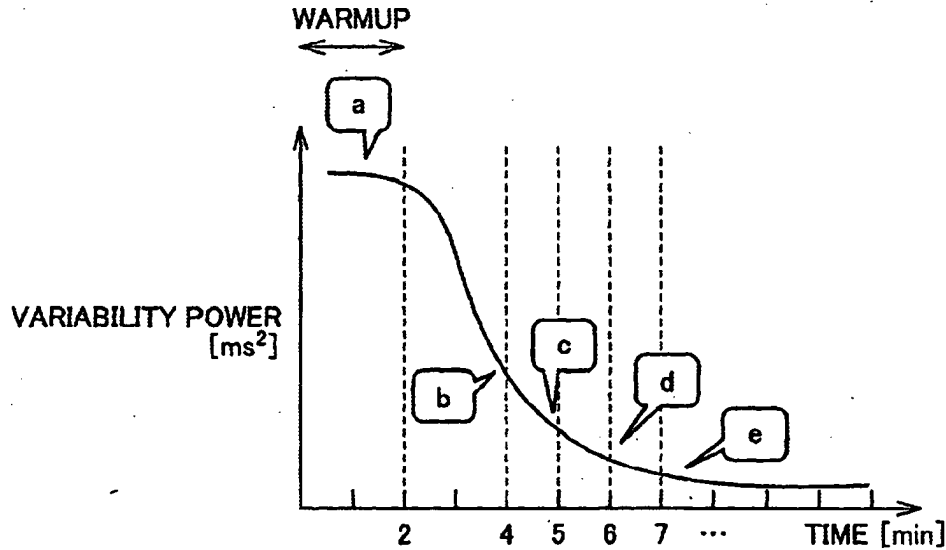


201120" 2626400T

FIG.6A

	VALUES OF VARIABILITY POWER USED TO AUTOMATICALLY CONTROL RAMP LOAD	REPRESENTATION IN FLOWCHART
a	AVERAGE VALUE FOR 1 MIN FOLLOWING 1 MIN OF WARMUP	Wup
b	VALUE OBTAINED AFTER END OF WARMUP WHEN 2 MINUTES ELAPSE	P2min
c	VALUE OBTAINED AFTER END OF WARMUP WHEN 3 MINUTES ELAPSE	P3min
d	VALUE OBTAINED AFTER END OF WARMUP WHEN 4 MINUTES ELAPSE	P4min
e	VALUE OBTAINED AFTER END OF WARMUP WHEN 5 MINUTES ELAPSE	P5min
⋮	⋮	⋮

FIG.6B



201102 10049297 021102

FIG.7

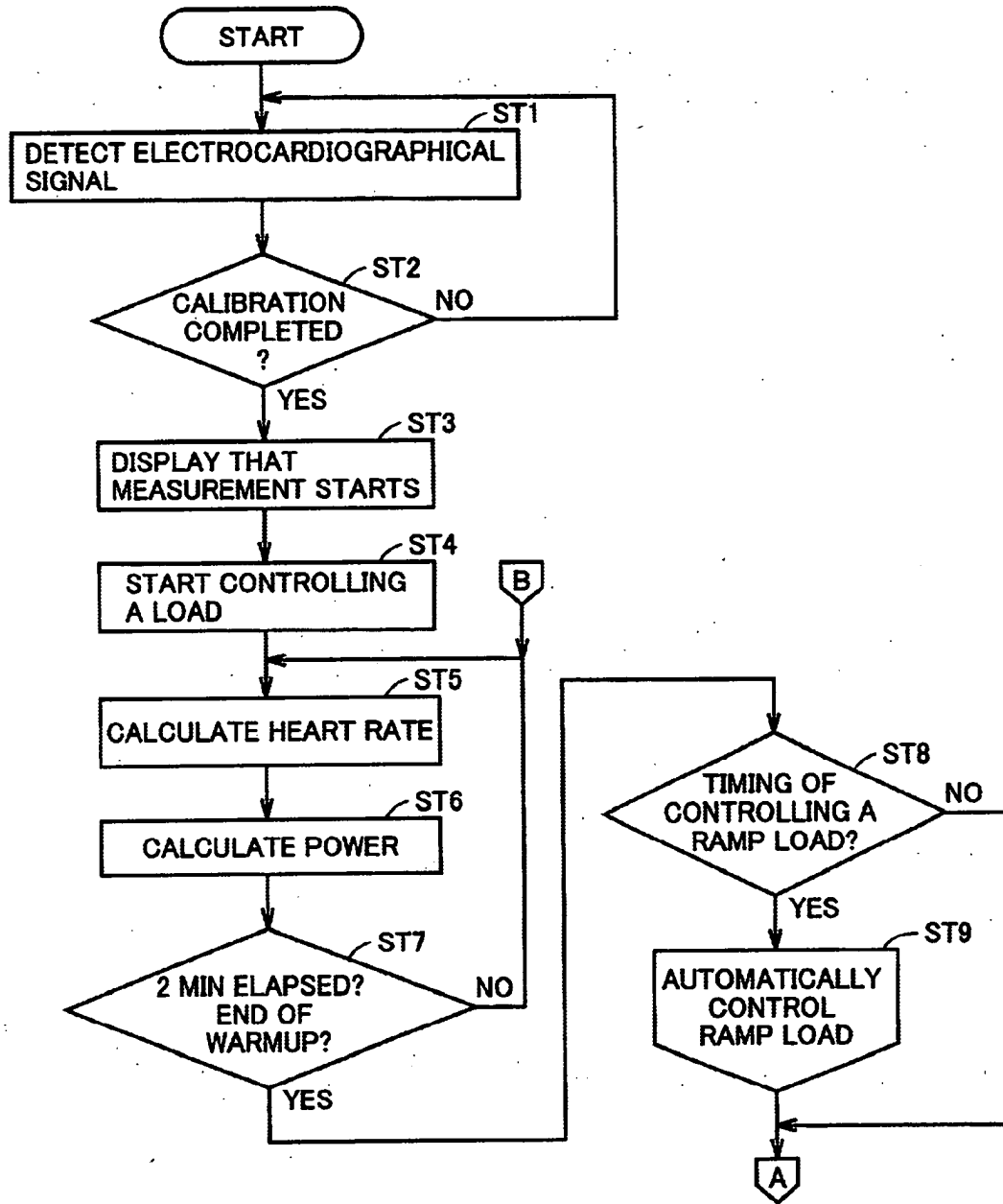
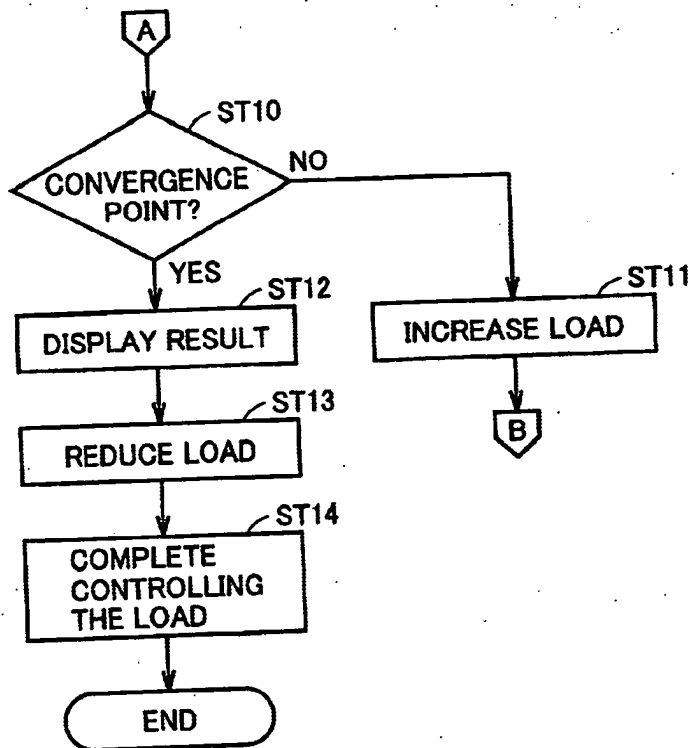
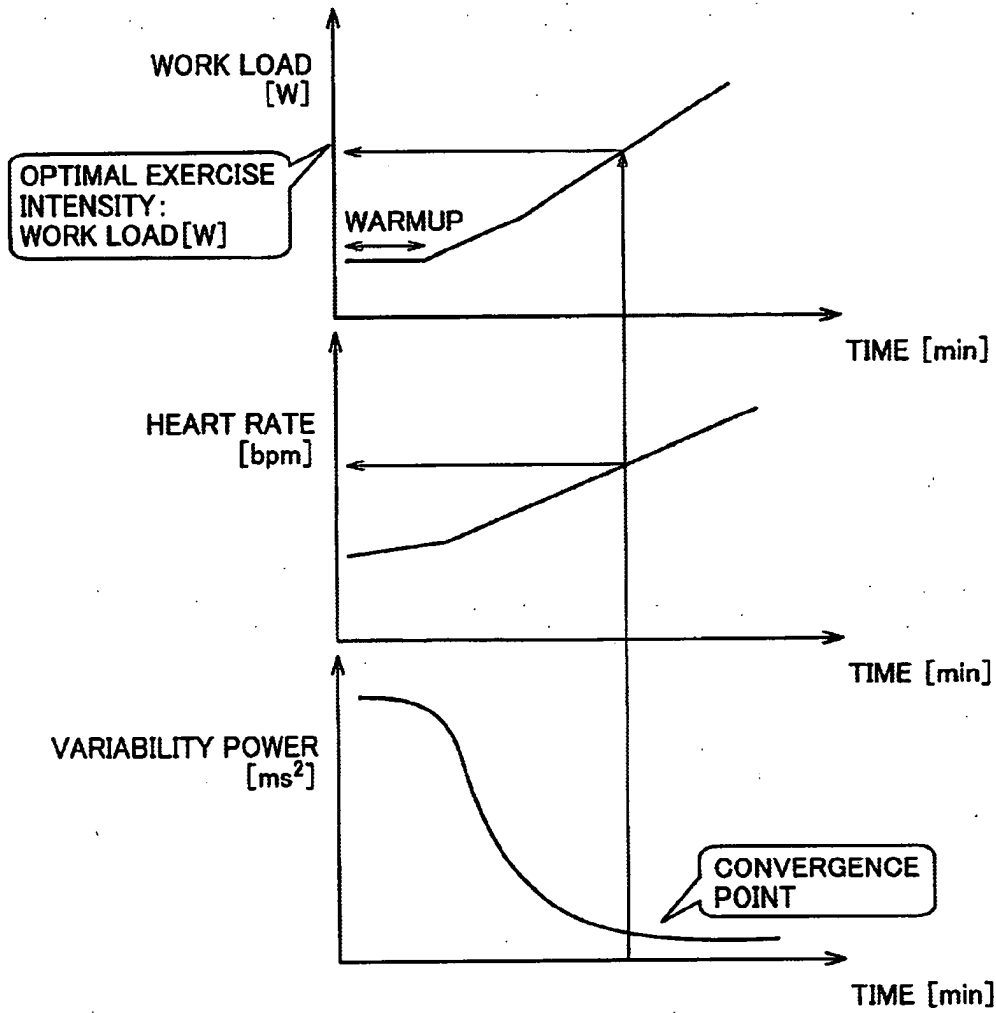


FIG.8



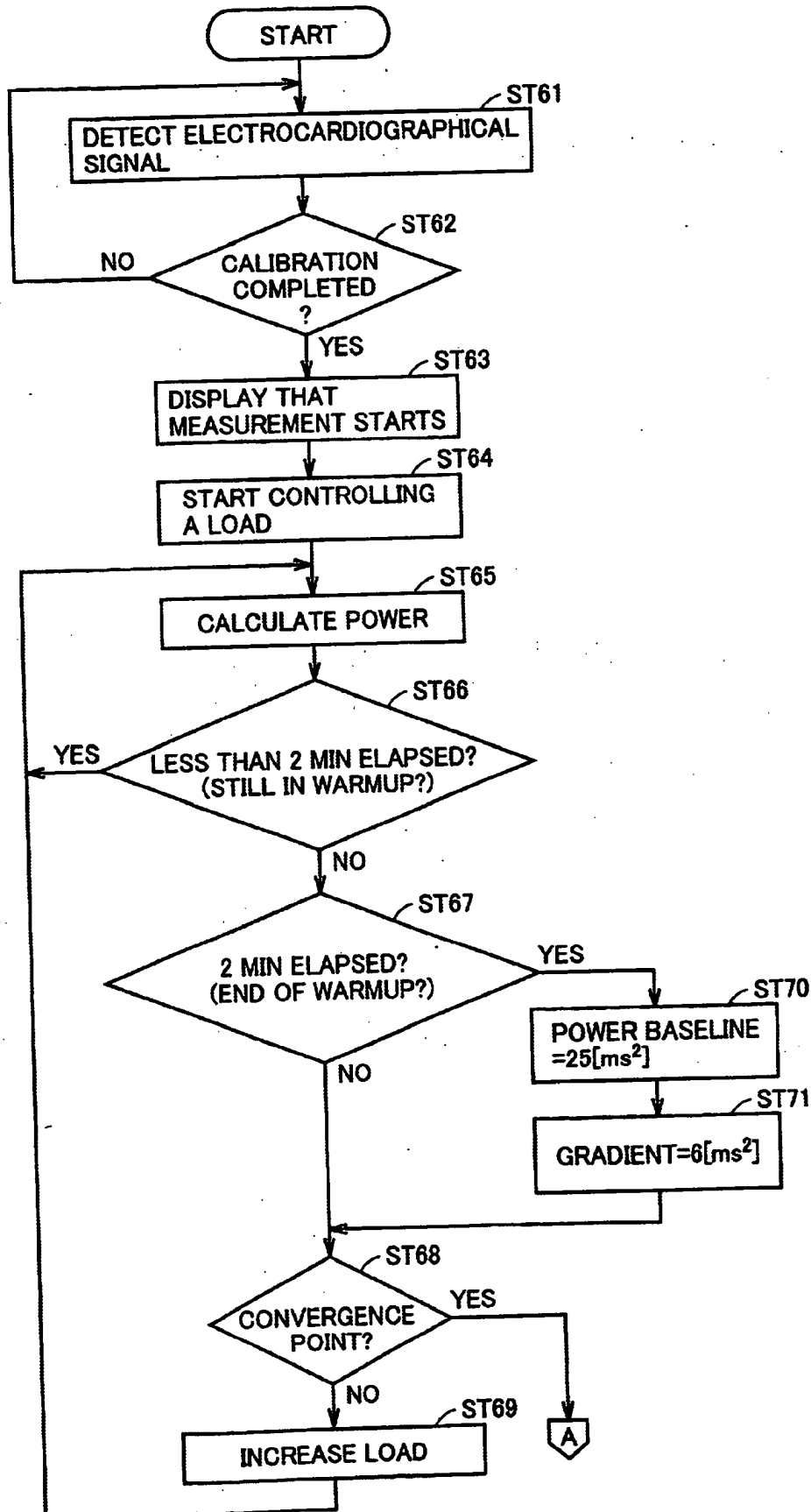
10049297.021102

FIG.9



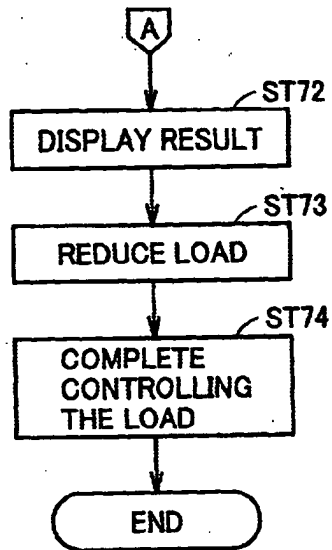
201120" 4626400T

FIG.10



20110207 10049297

FIG.11



20112012625400T

FIG.12A

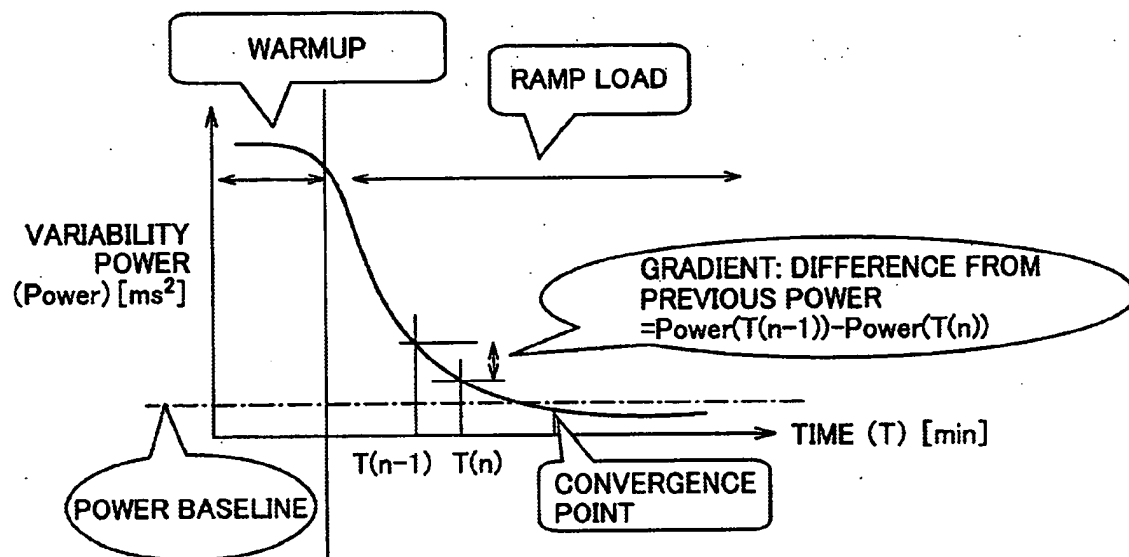
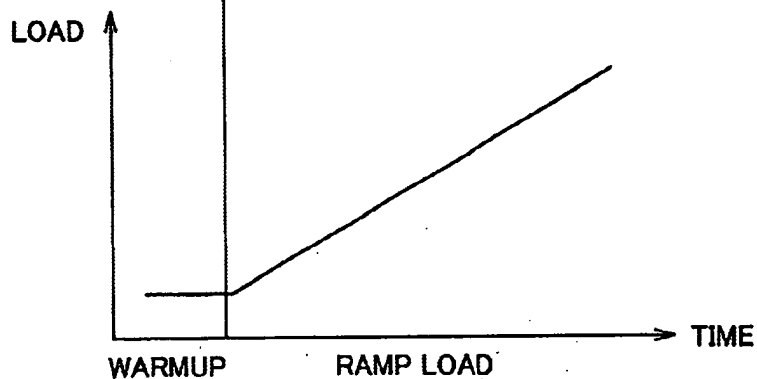
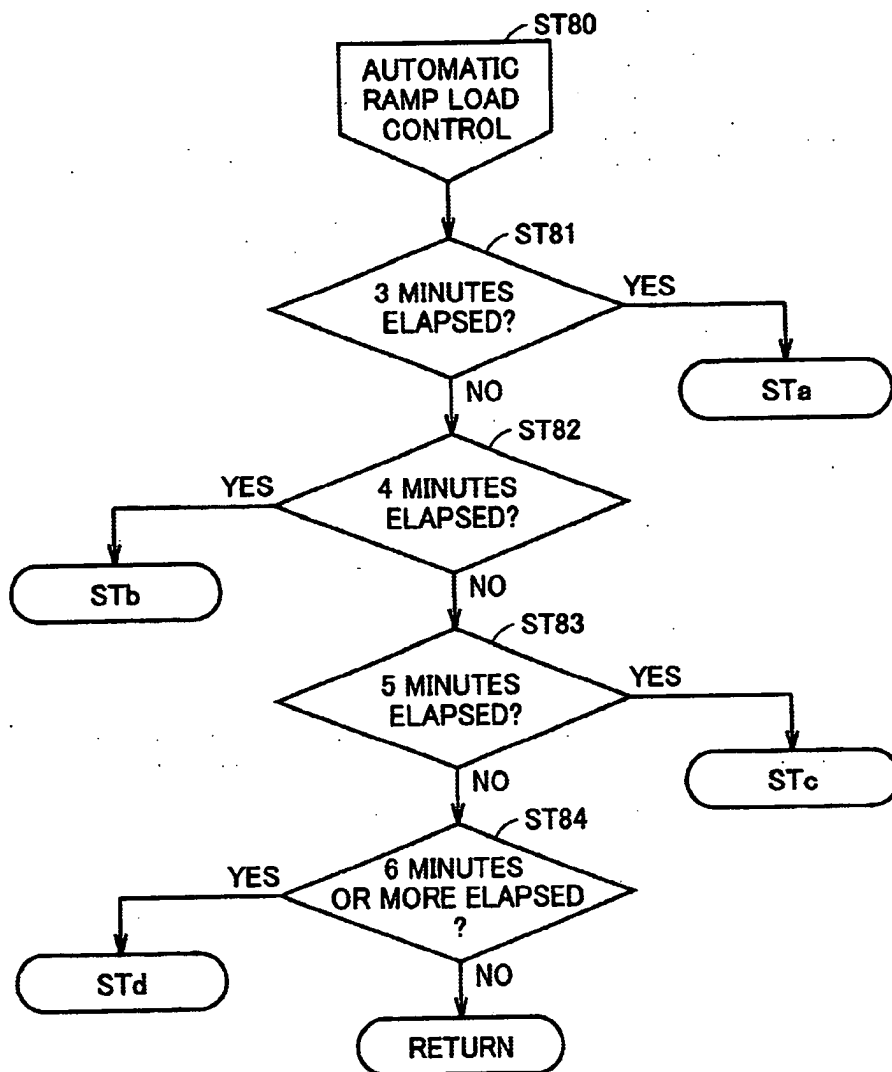


FIG.12B



20170720 10049297.021102

FIG.13



10049297.021102

201120" 46264000

FIG.14A

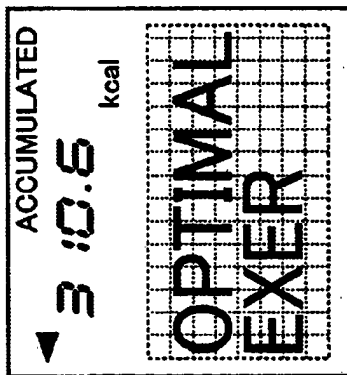


FIG.14B

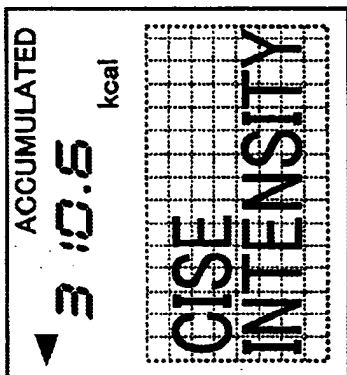


FIG.14C

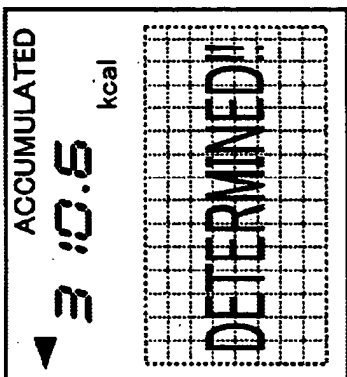


FIG.15A

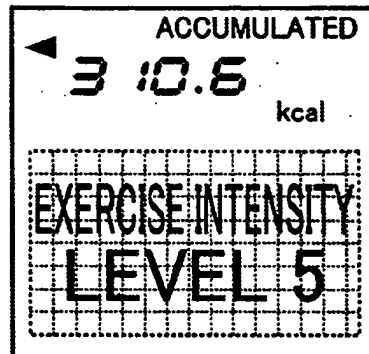


FIG.15B

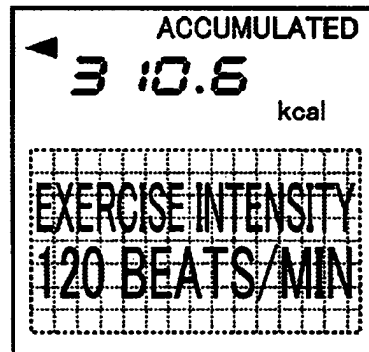
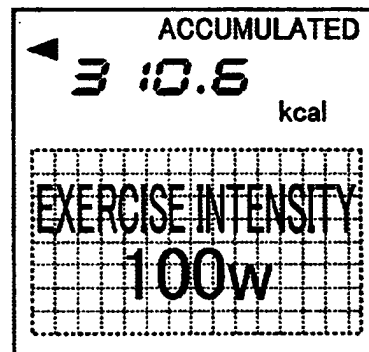


FIG.15C



201120" 4526400T

FIG.16A

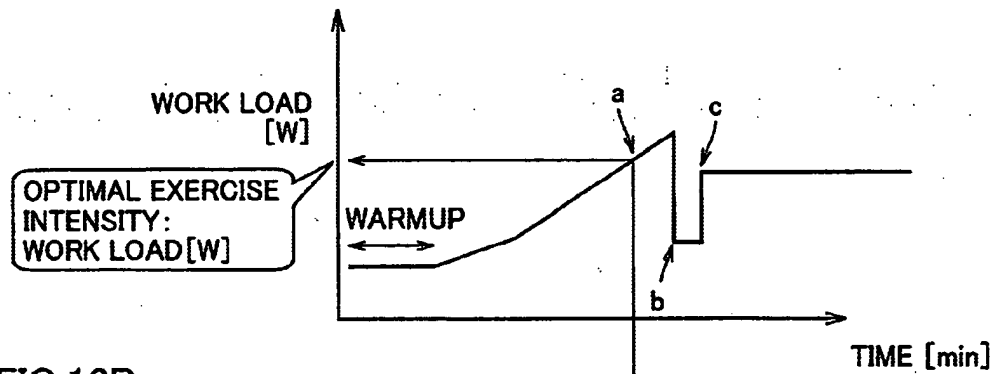


FIG.16B

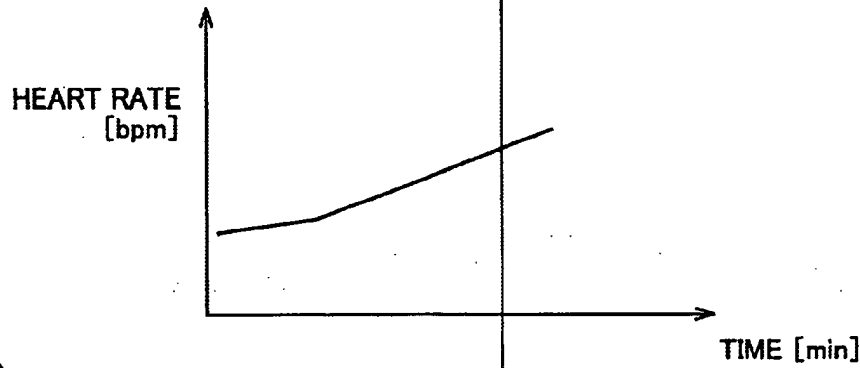
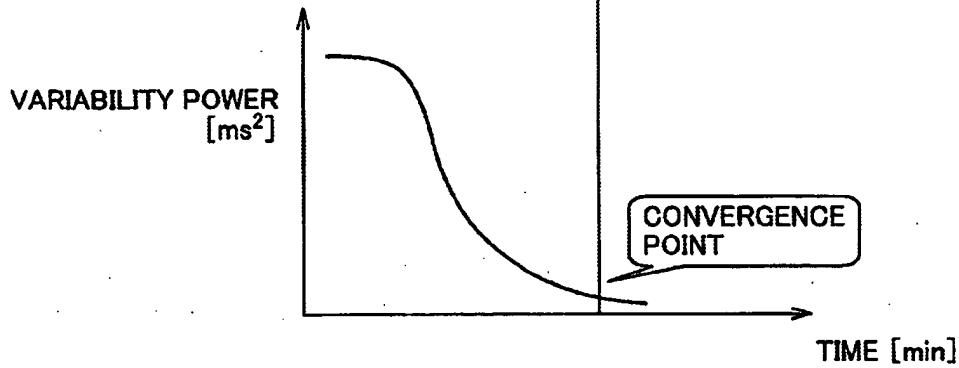


FIG.16C



10049297.021102

FIG.17A

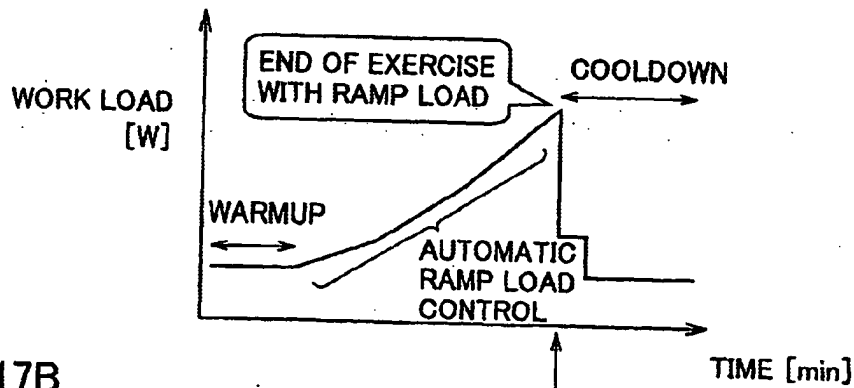
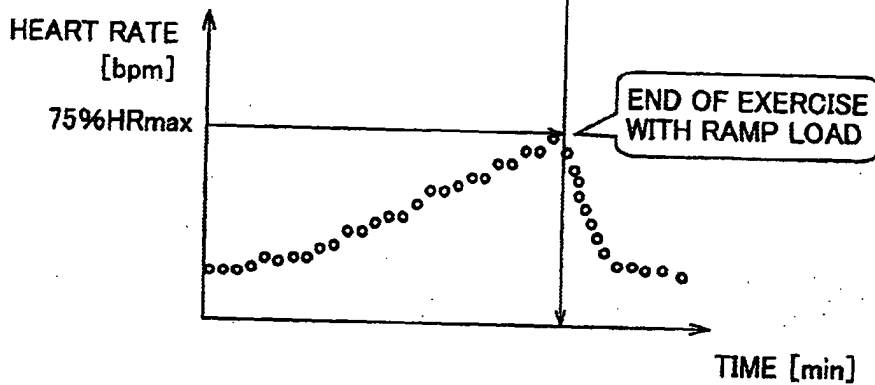
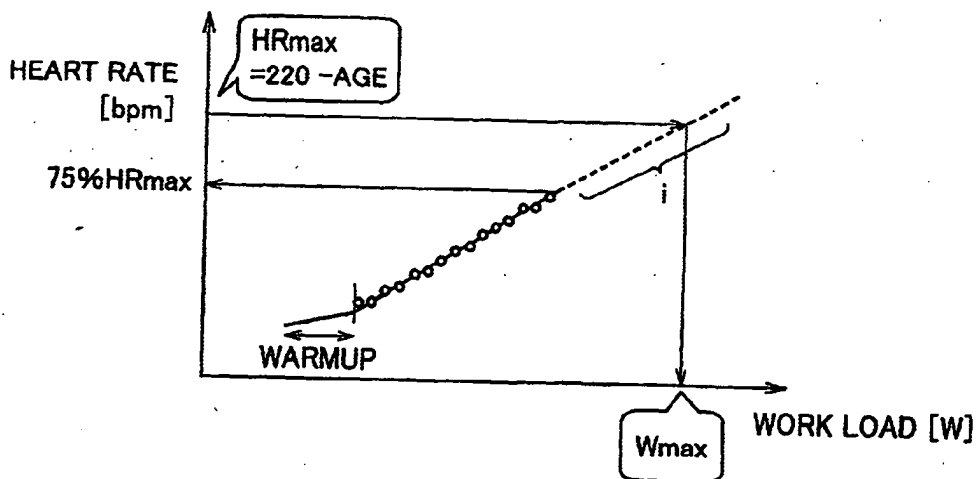


FIG.17B



OBTAIN RELATIONSHIP BETWEEN
 WORK LOAD & HEART RATE

FIG.17C



20112010/049297.021100

FIG.18A

"PHYSICAL FITNESS LEVEL DETERMINED!!" DISPLAYED IN SCROLLING

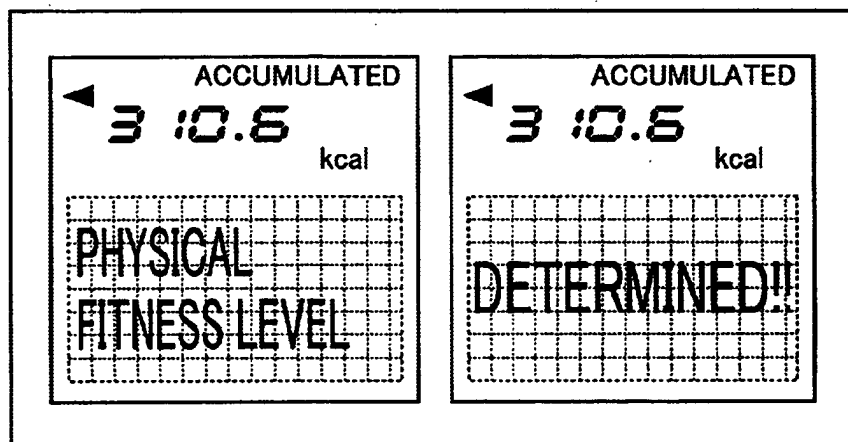


FIG.18B

DISPLAYING "PHYSICAL FITNESS LEVEL DETERMINED!!" IS FOLLOWED
BY DISPLAYING A PHYSICAL FITNESS LEVEL (IN 6 LEVELS)

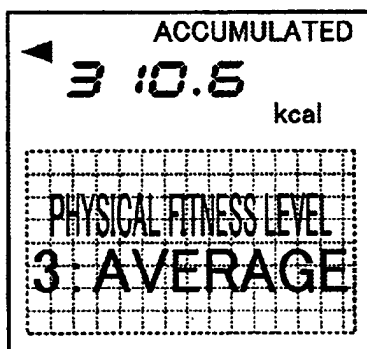
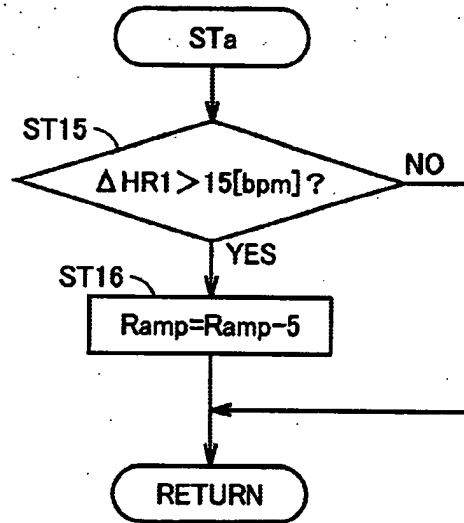
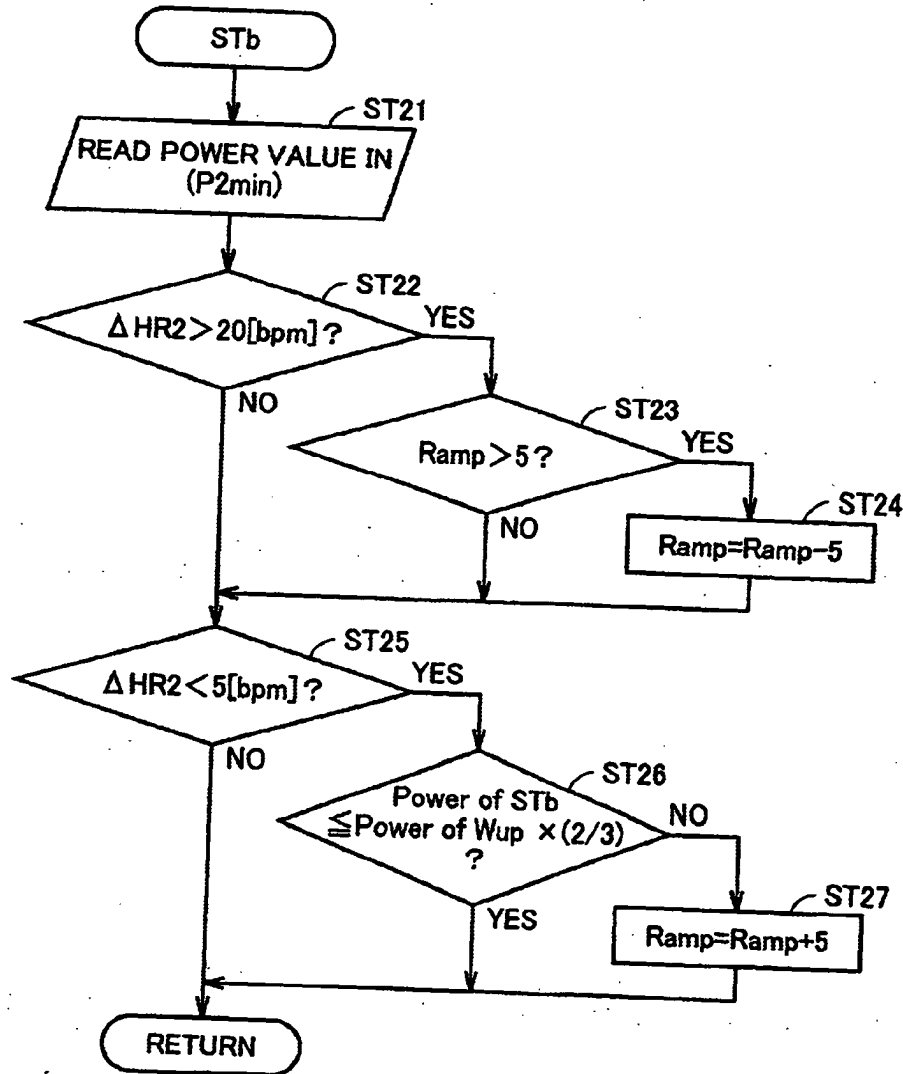


FIG.19



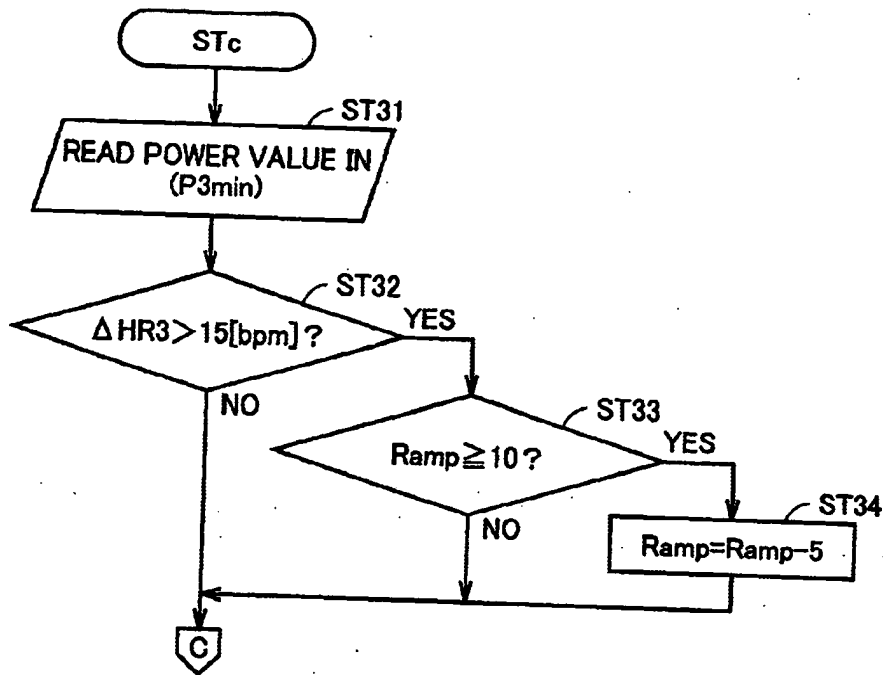
10049297.021102

FIG.20



10049297.021102

FIG.21



2011049297

FIG.22

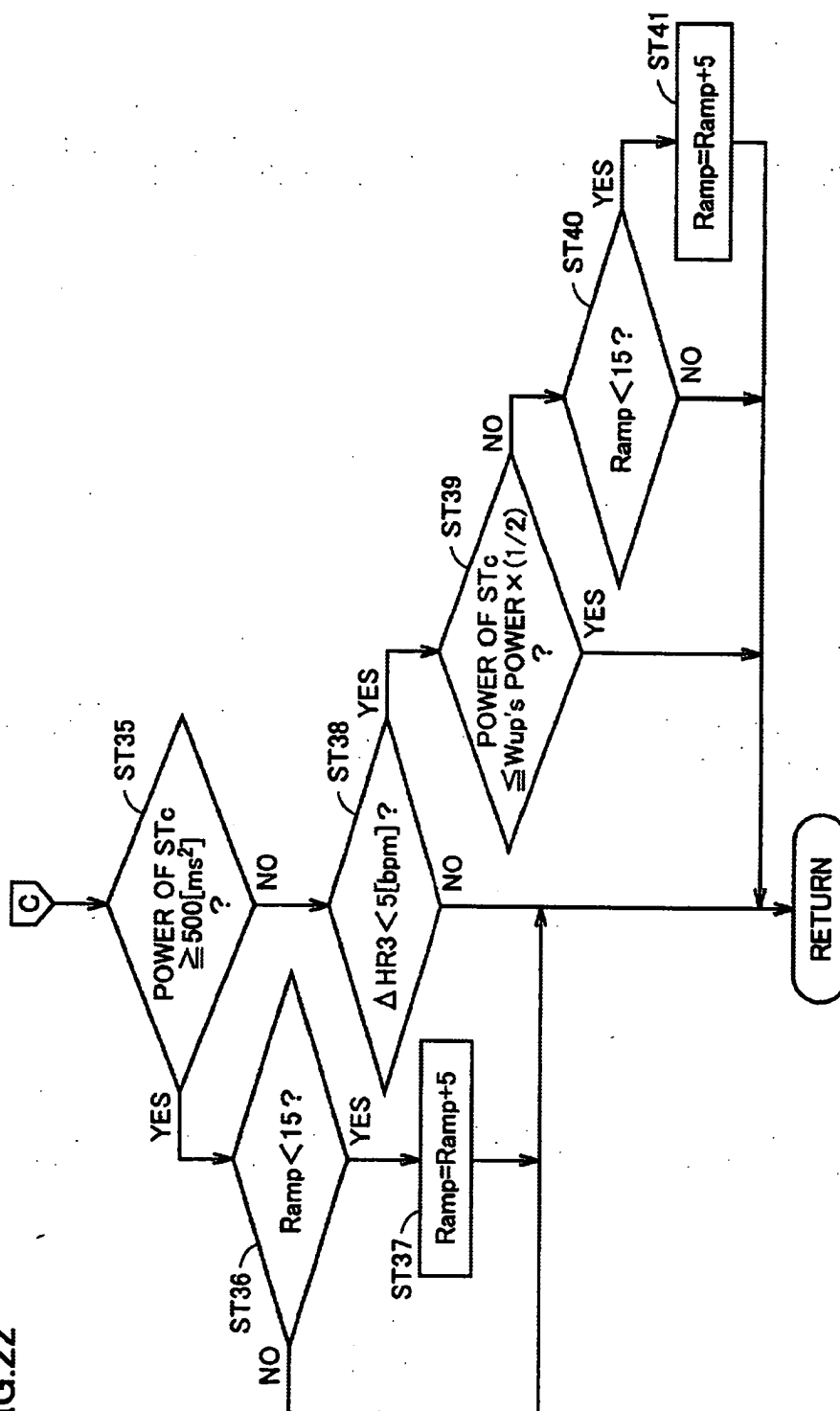
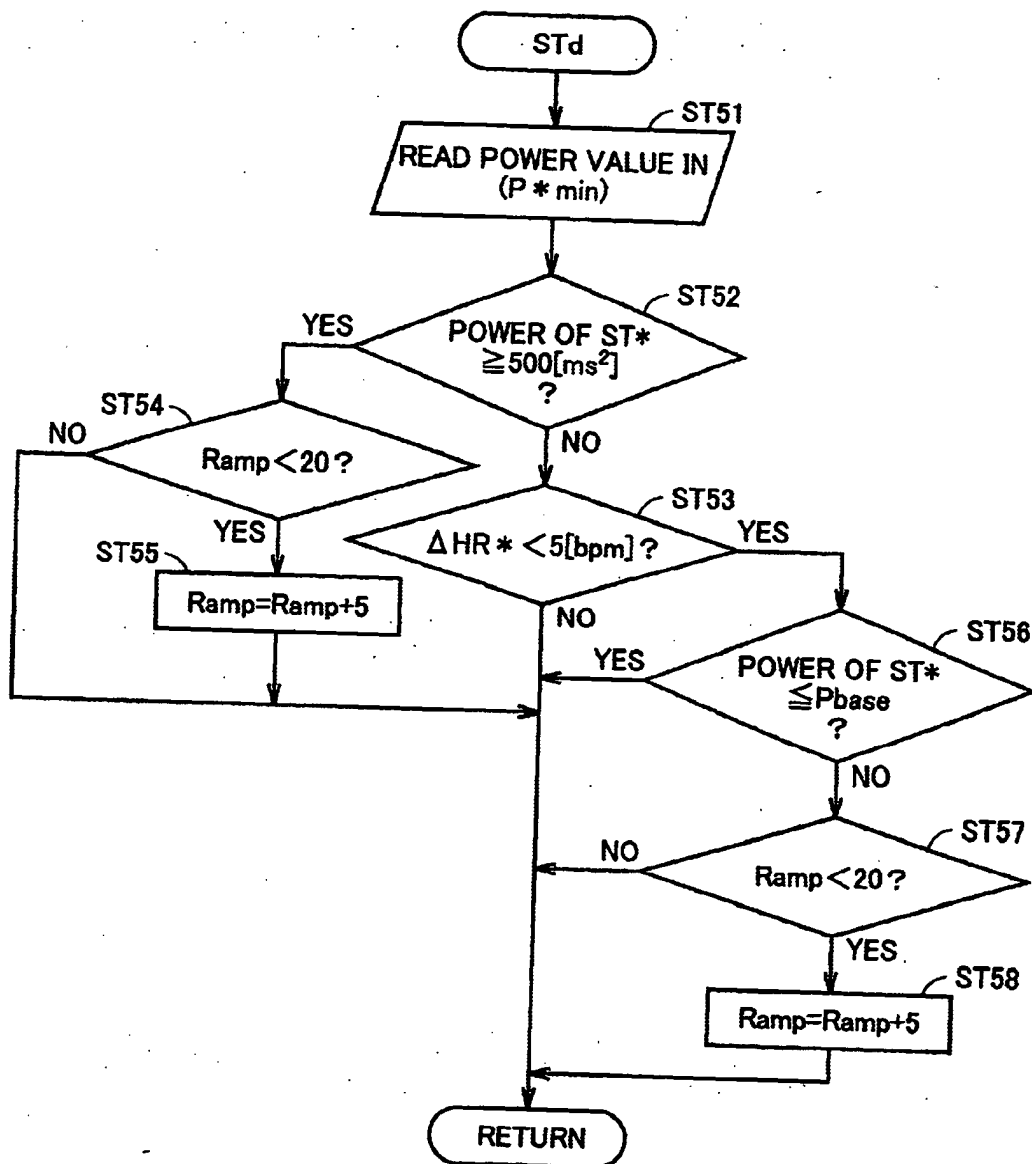


FIG.23



2012072626400T 10049297.021102

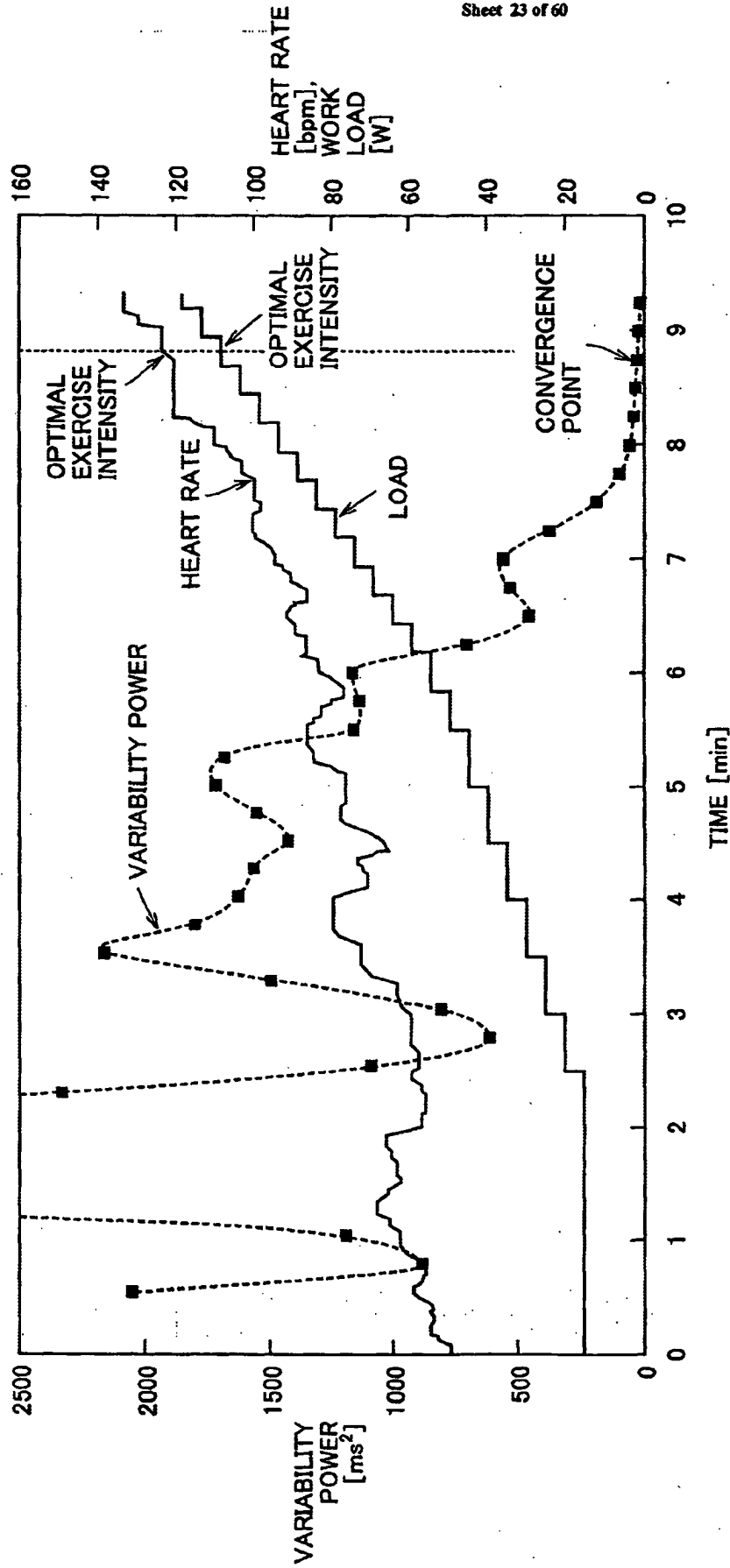


FIG.24

2011201/6264001

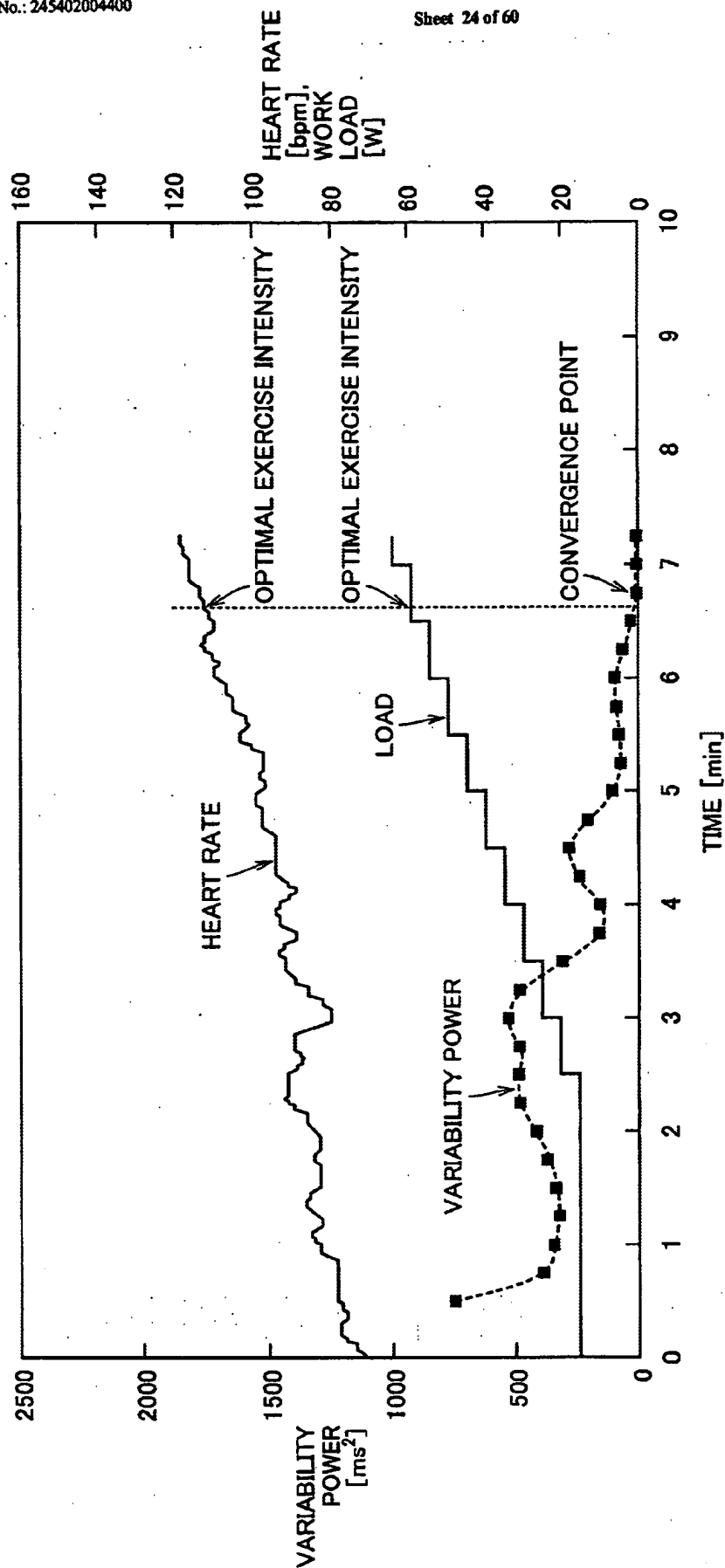


FIG.25

20112011/06261001

FIG.26A

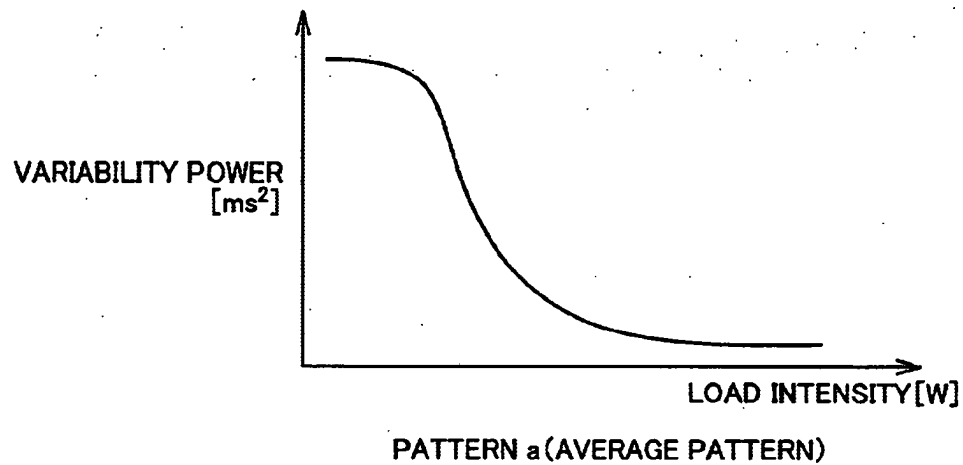
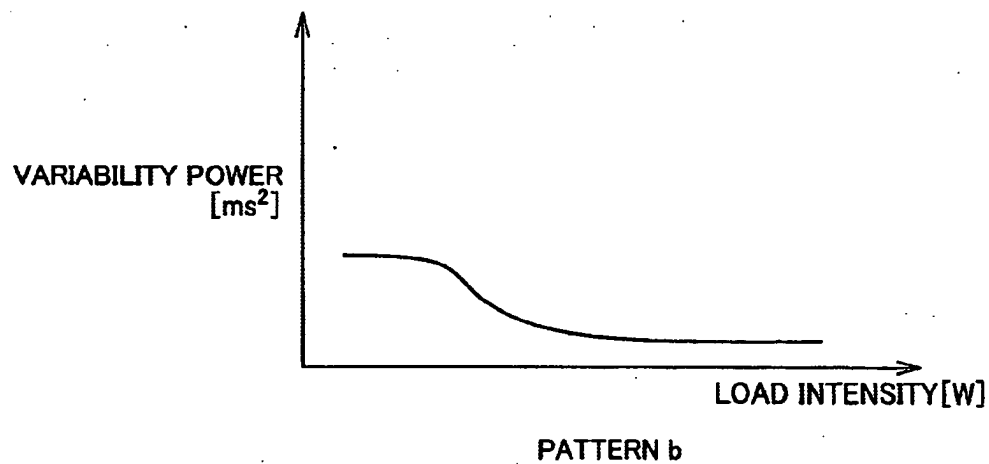
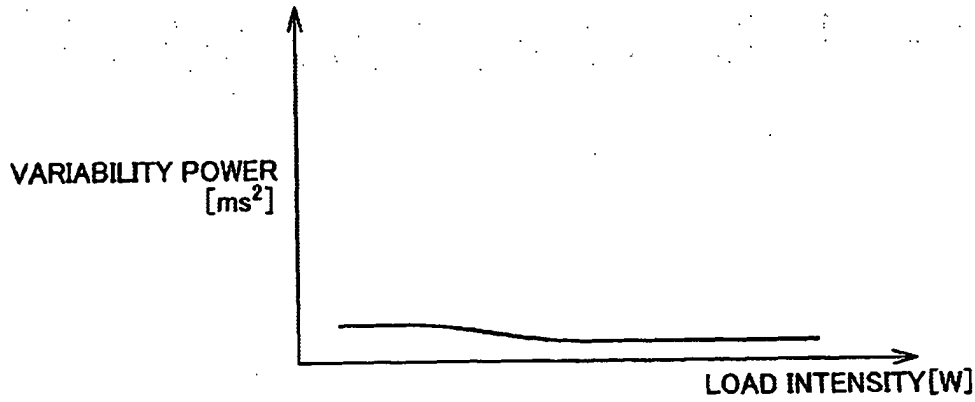


FIG.26B



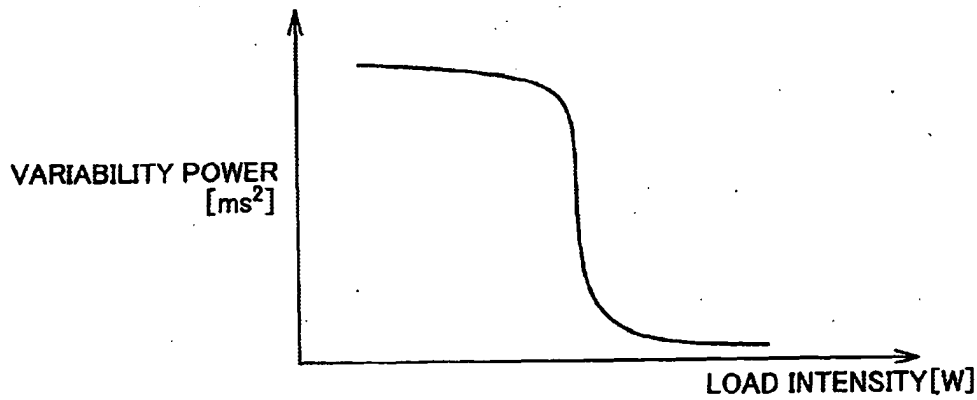
201120" 4626400T 10049297.021102

FIG.27A



PATTERN c

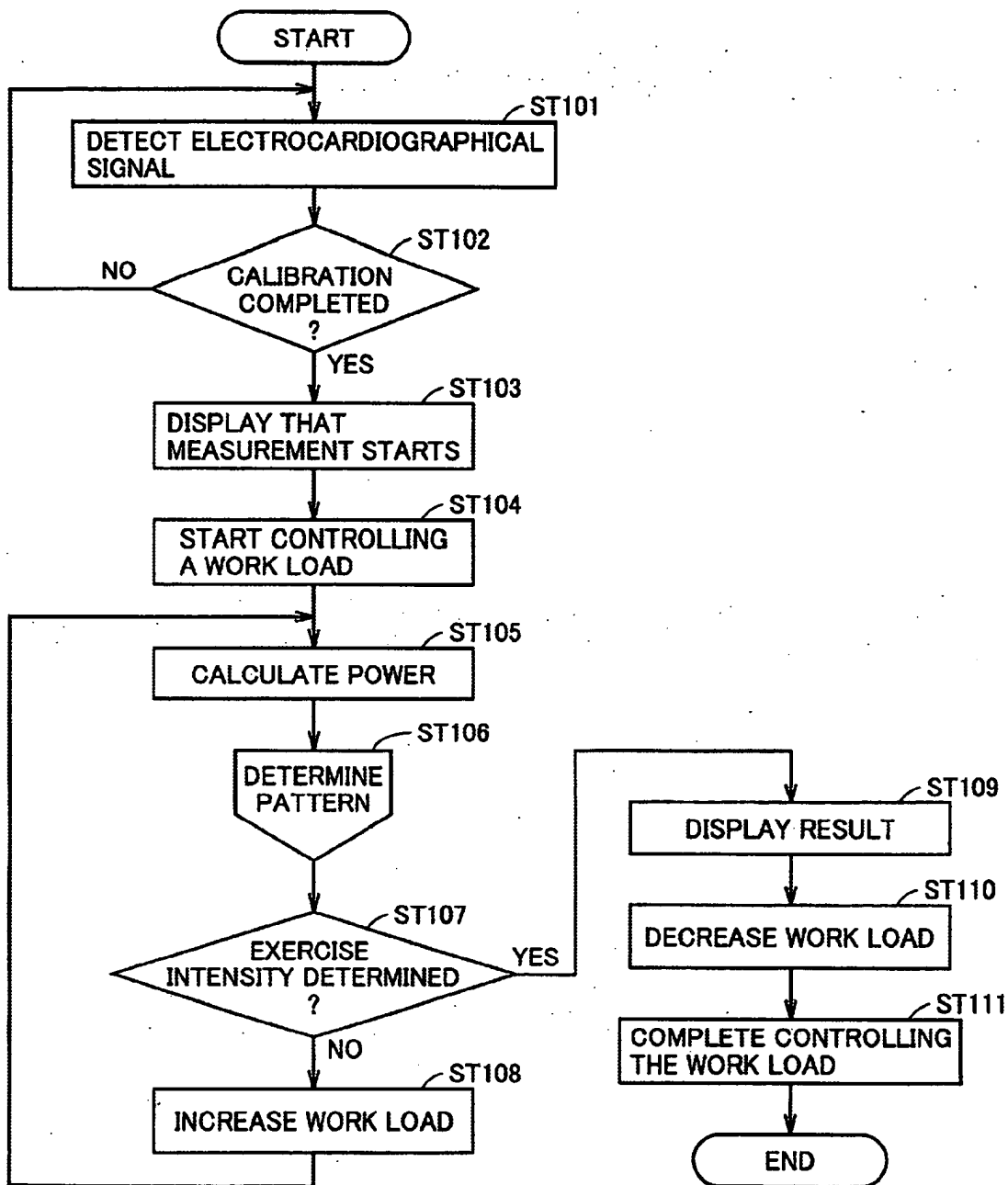
FIG.27B



PATTERN d

201120-46264001

FIG.28



10049297.021102

FIG.29C

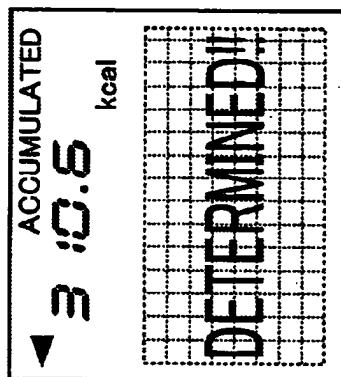


FIG.29B

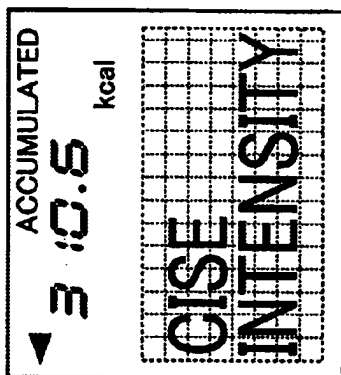
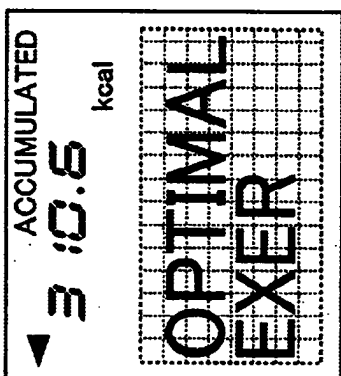


FIG.29A



2011120" 4626400F

FIG.30A

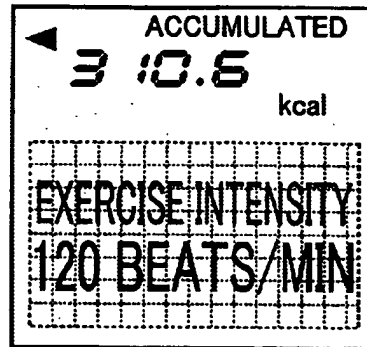


FIG.30B

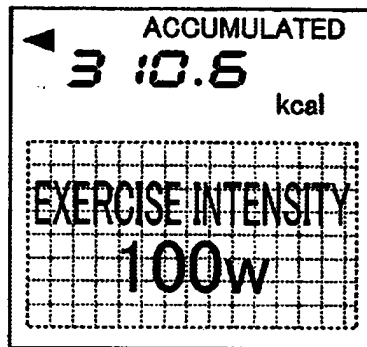


FIG.30C

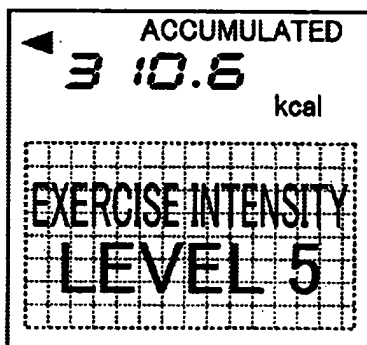
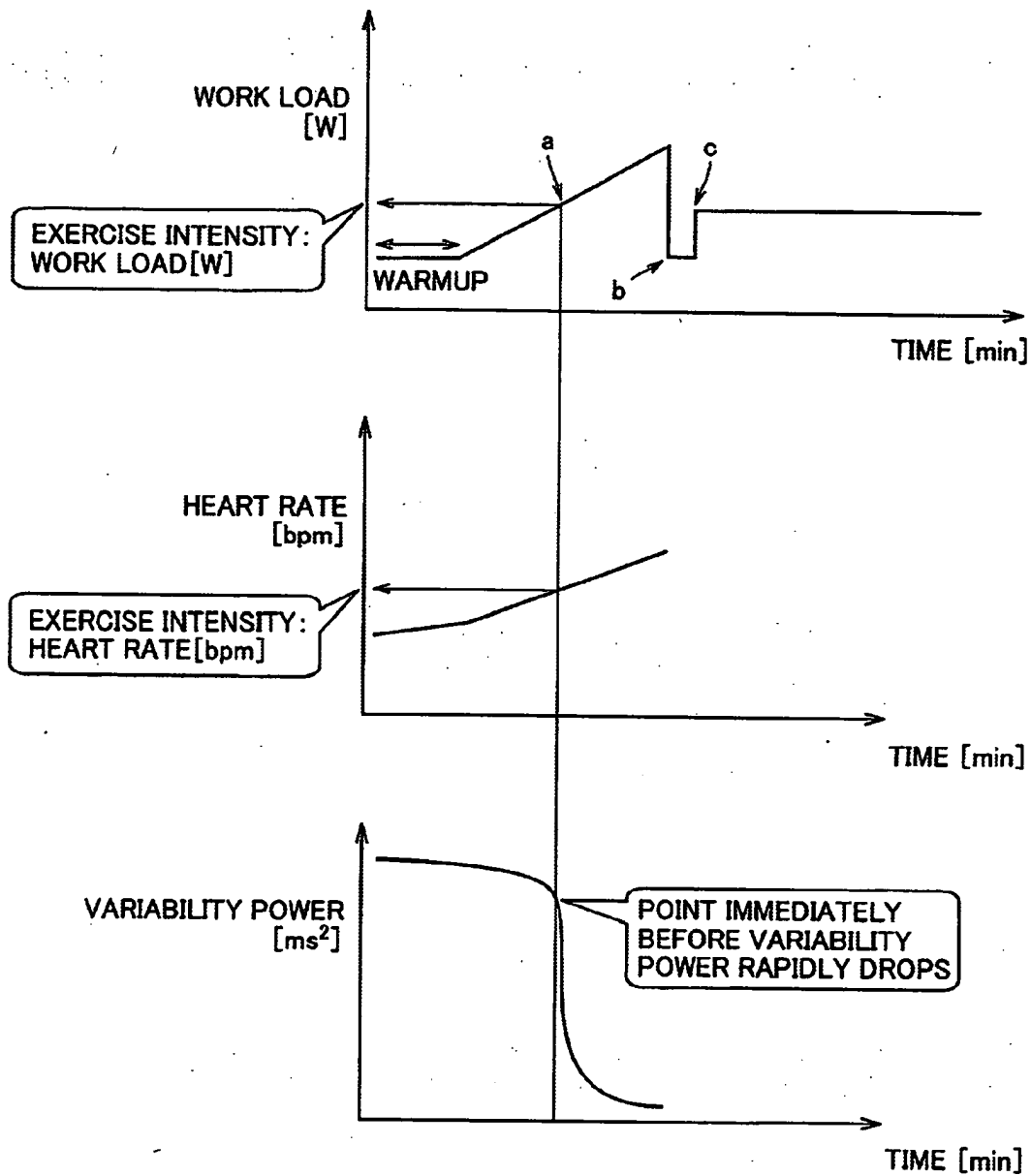


FIG.31



10049297-021102

FIG.32

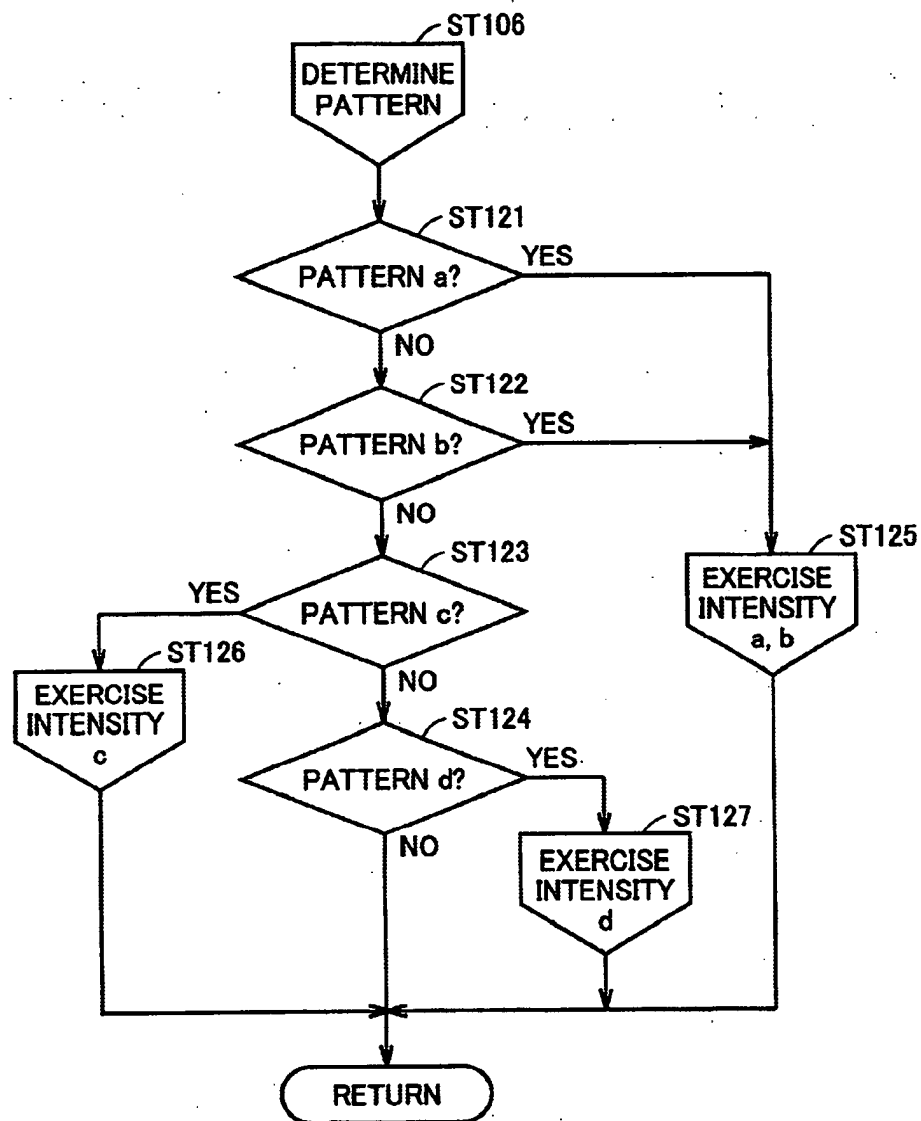


FIG.33

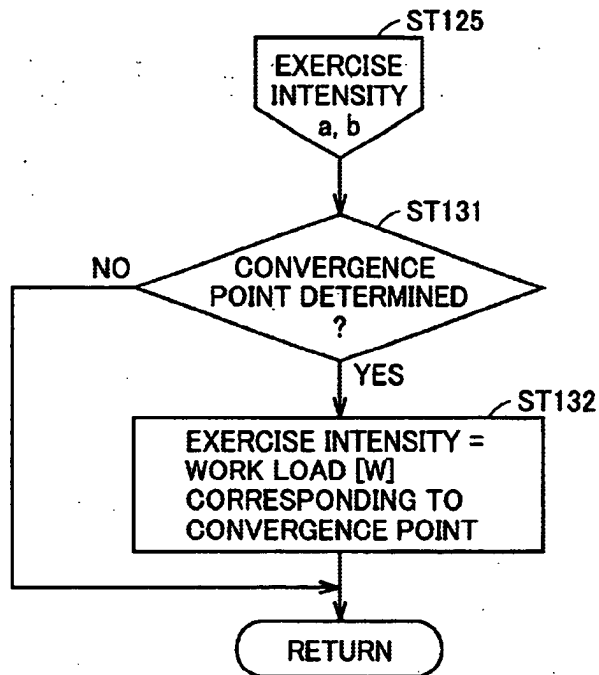


FIG.34A

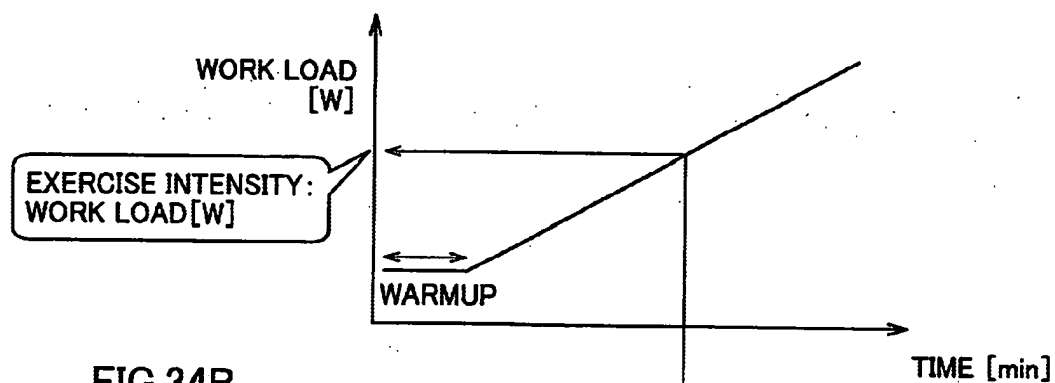


FIG.34B

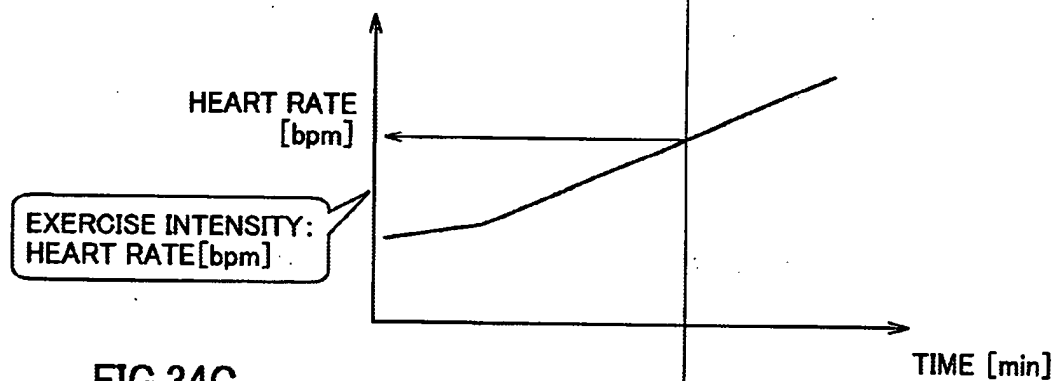
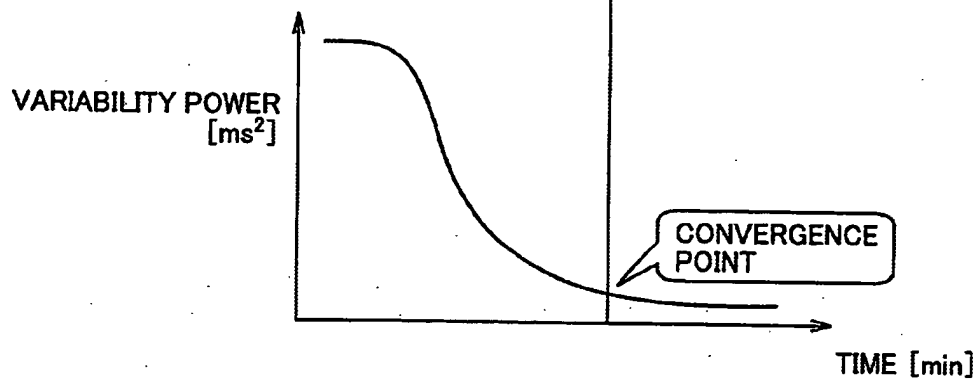
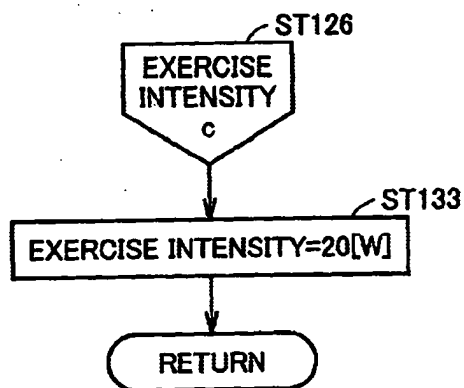


FIG.34C



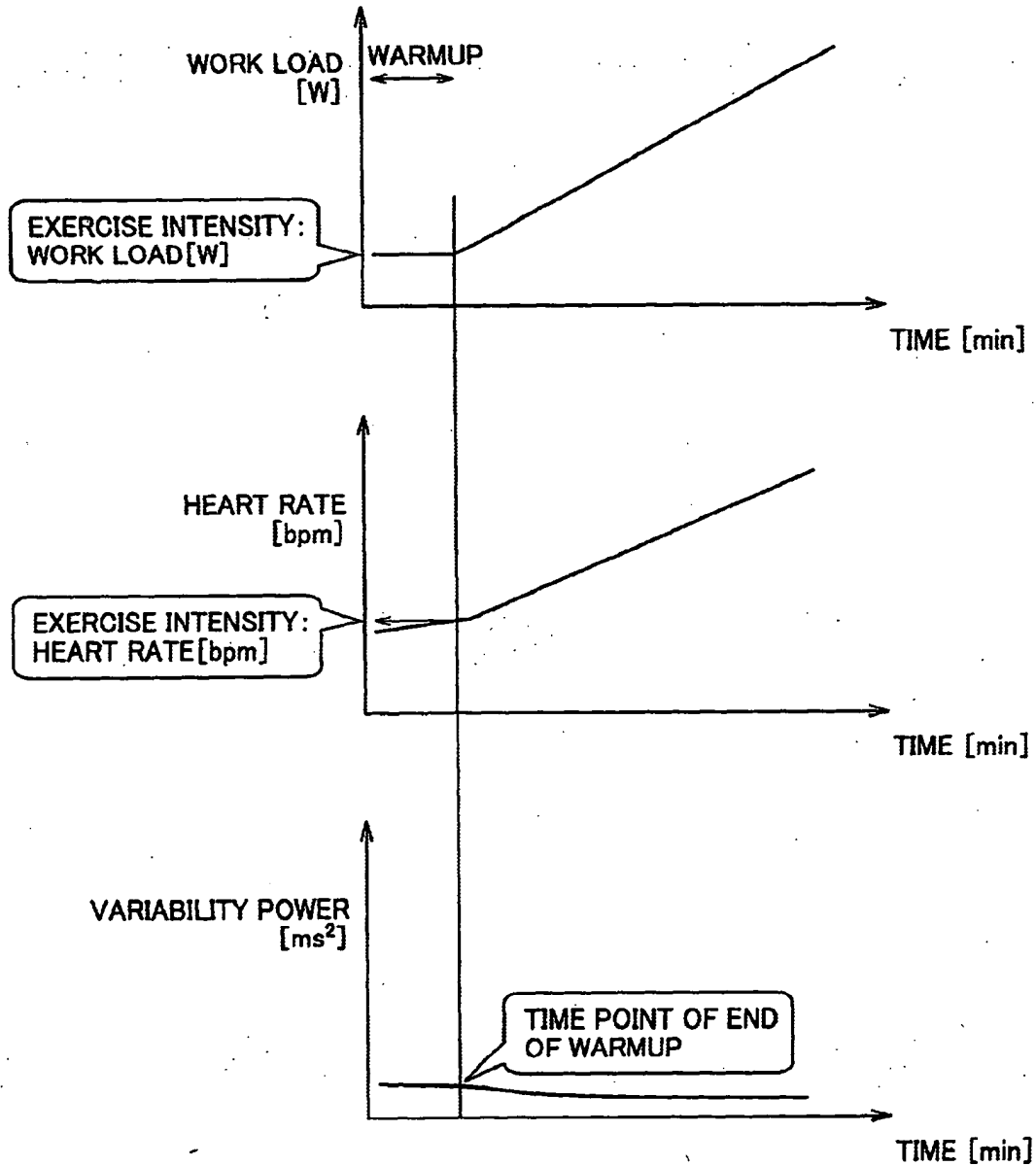
10049297-021102

FIG.35



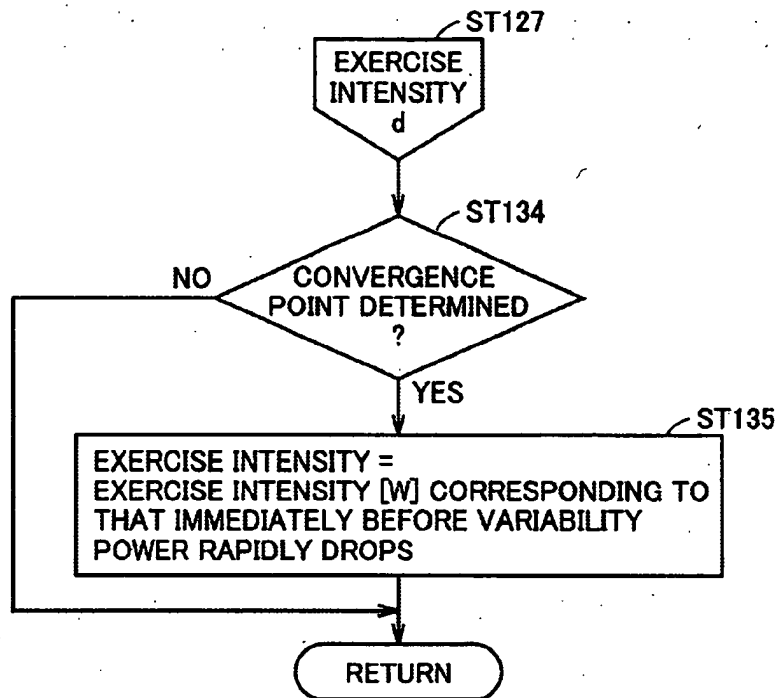
201102 10049297 46264001

FIG.36



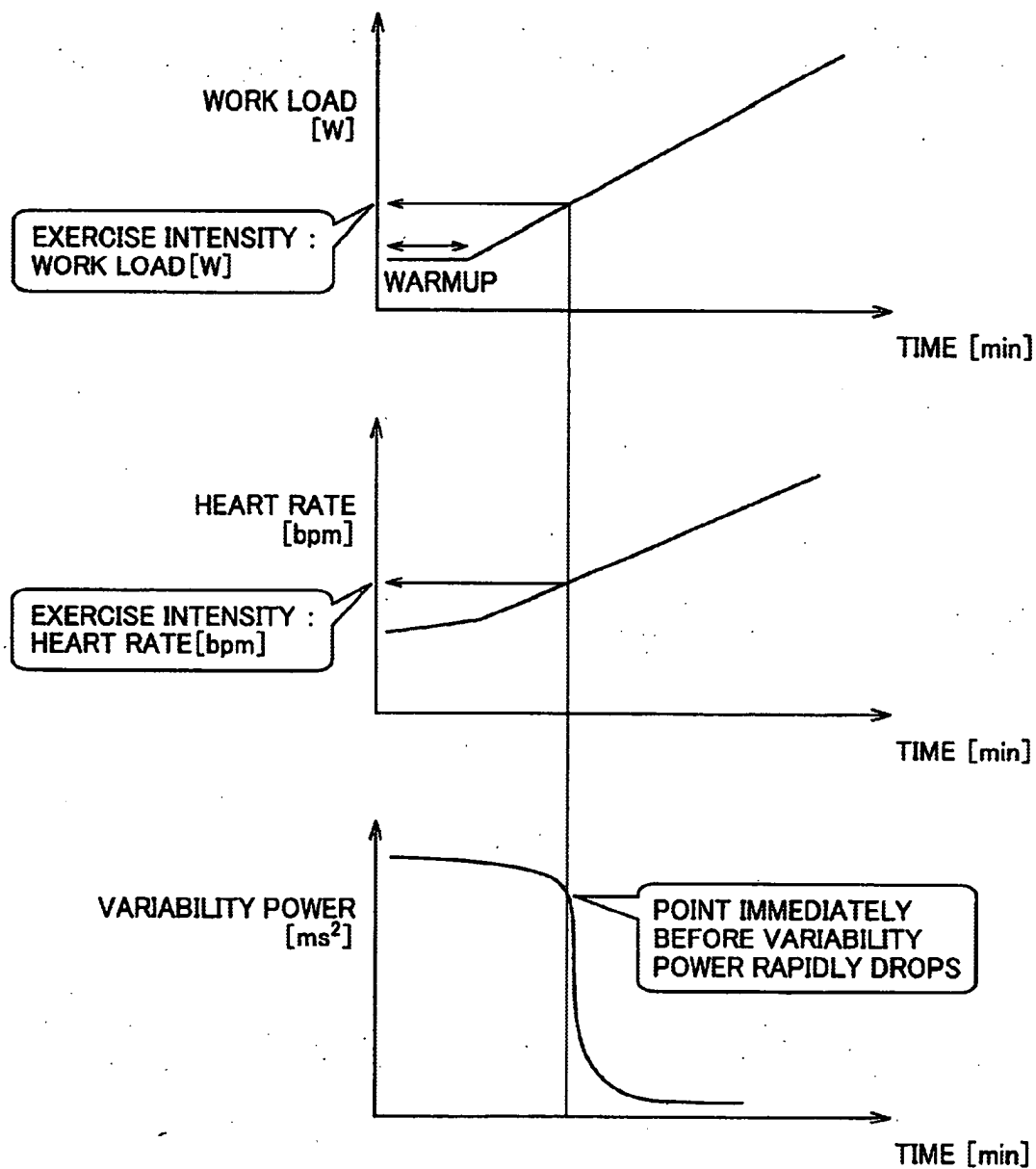
20112016264001

FIG.37



201120-4626400T 10049297-021102

FIG.38

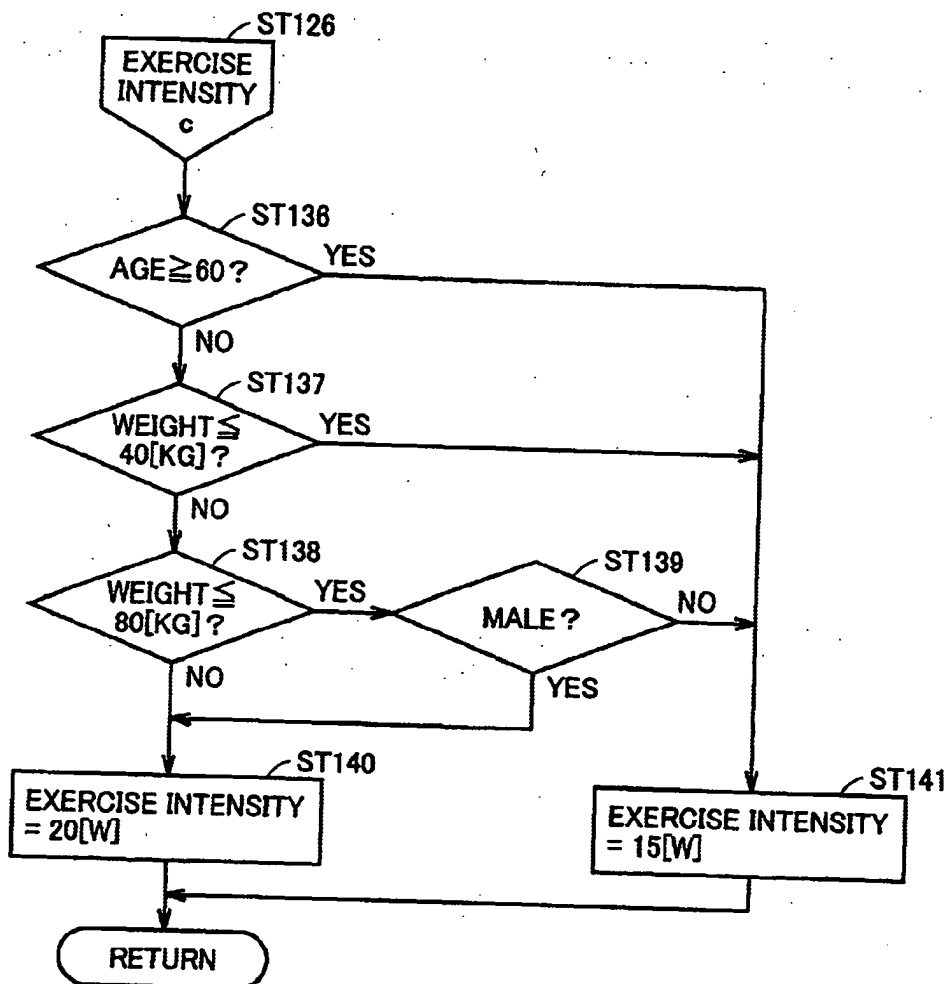


20110207 10049297.021102

10/049297

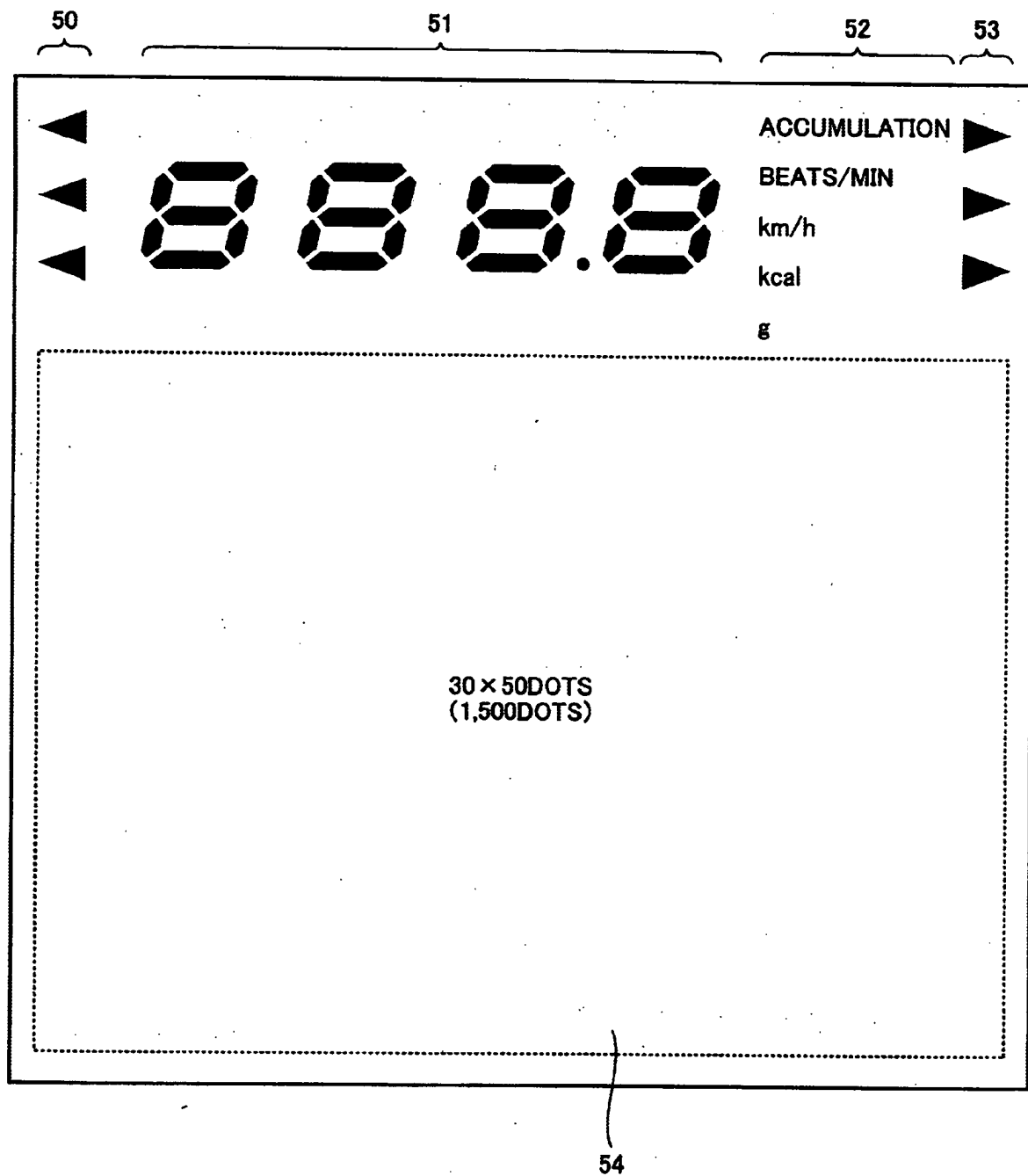
Sheet 38 of 60

FIG.39



201120" 26264001

FIG.40



10049297.021102

FIG.41A

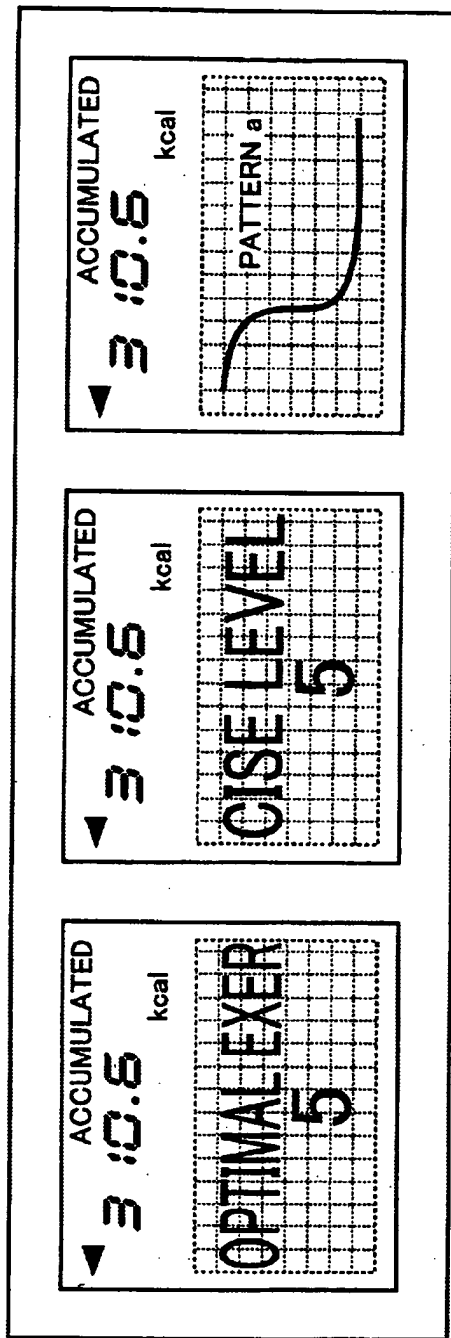


FIG.41B

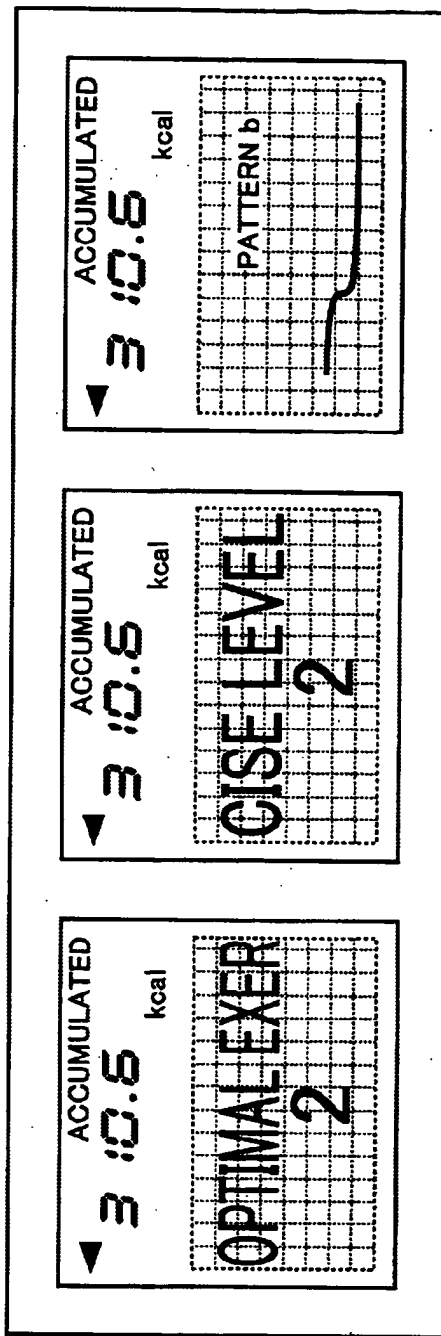


FIG.42A

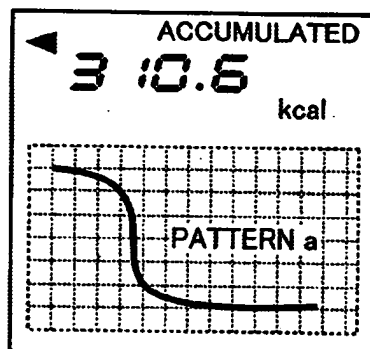


FIG.42B

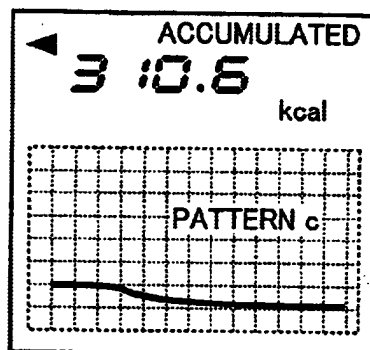


FIG.43

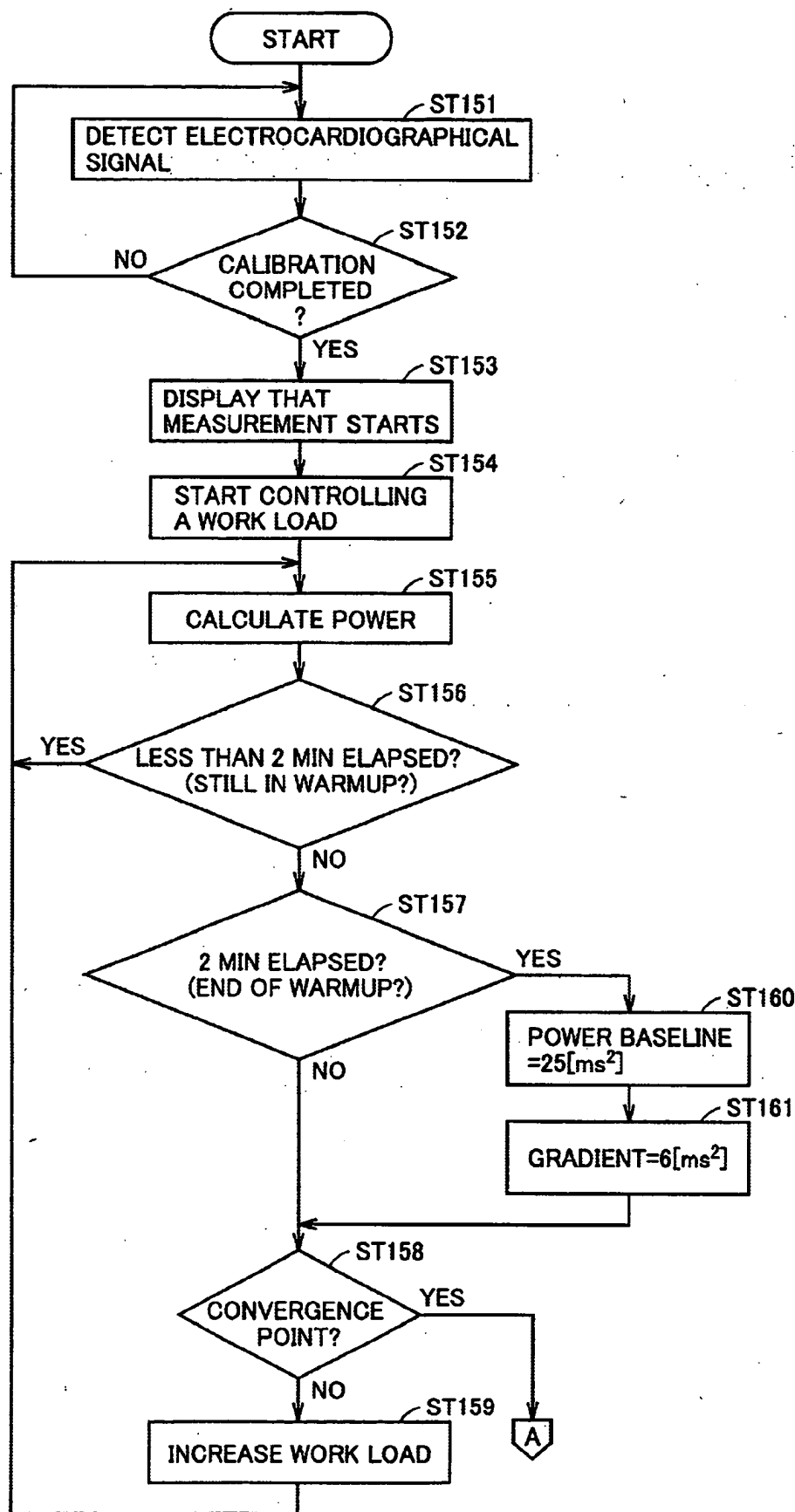
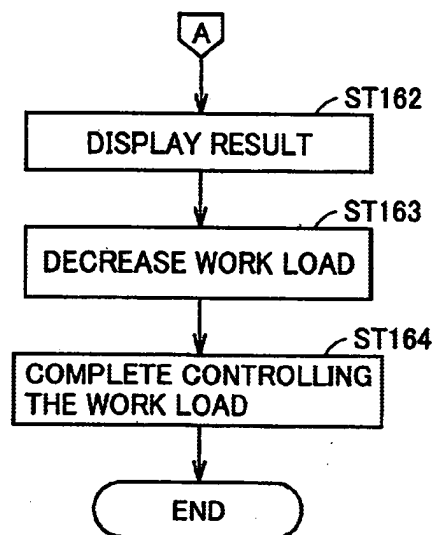
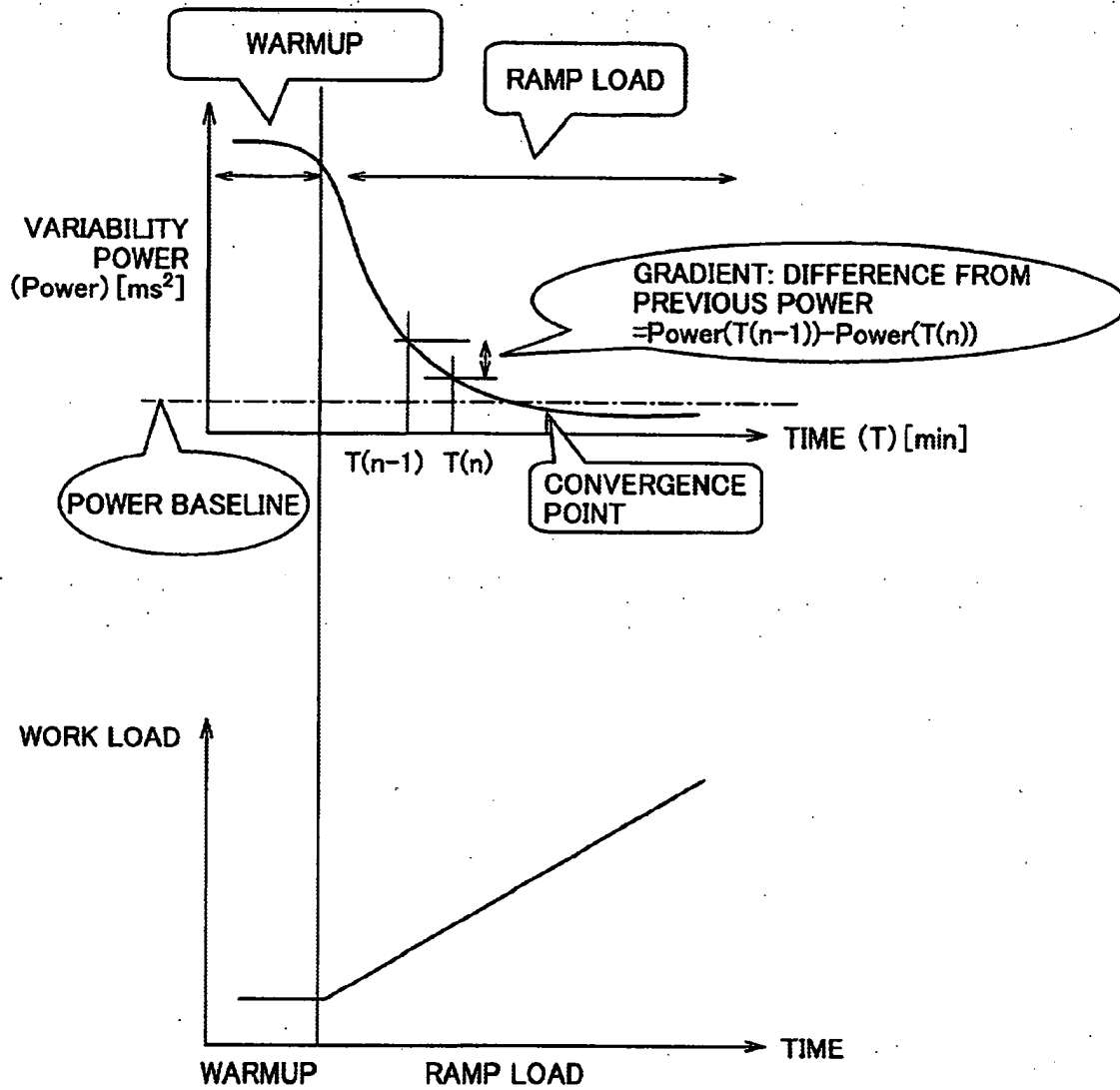


FIG.44



10/049297-021102

FIG.45



10049297-021102

FIG.46

	VALUES OF VARIABILITY POWER USED IN PATTERN CLASSIFICATION	REPRESENTATION IN FLOWCHART
a	AVERAGE VALUE FOR 1 MIN FOLLOWING 1 MIN OF WARMUP	Wup
b	VALUE OBTAINED AFTER END OF WARMUP WHEN 2 MINUTES ELAPSE	P2min
c	VALUE OBTAINED AFTER END OF WARMUP WHEN 3 MINUTES ELAPSE	P3min
d	VALUE OBTAINED AFTER END OF WARMUP WHEN 4 MINUTES ELAPSE	P4min
e	VALUE OBTAINED AFTER END OF WARMUP WHEN 5 MINUTES ELAPSE	P5min

FIG.47

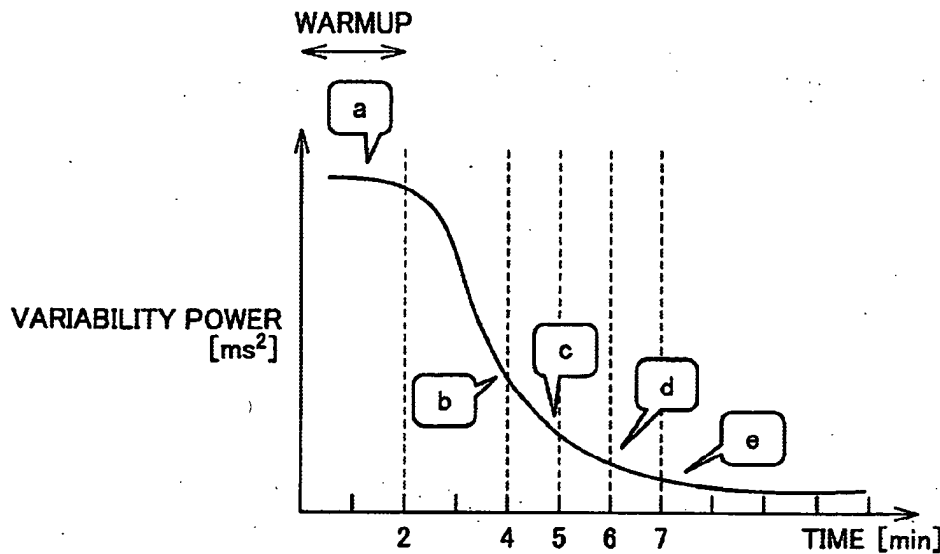
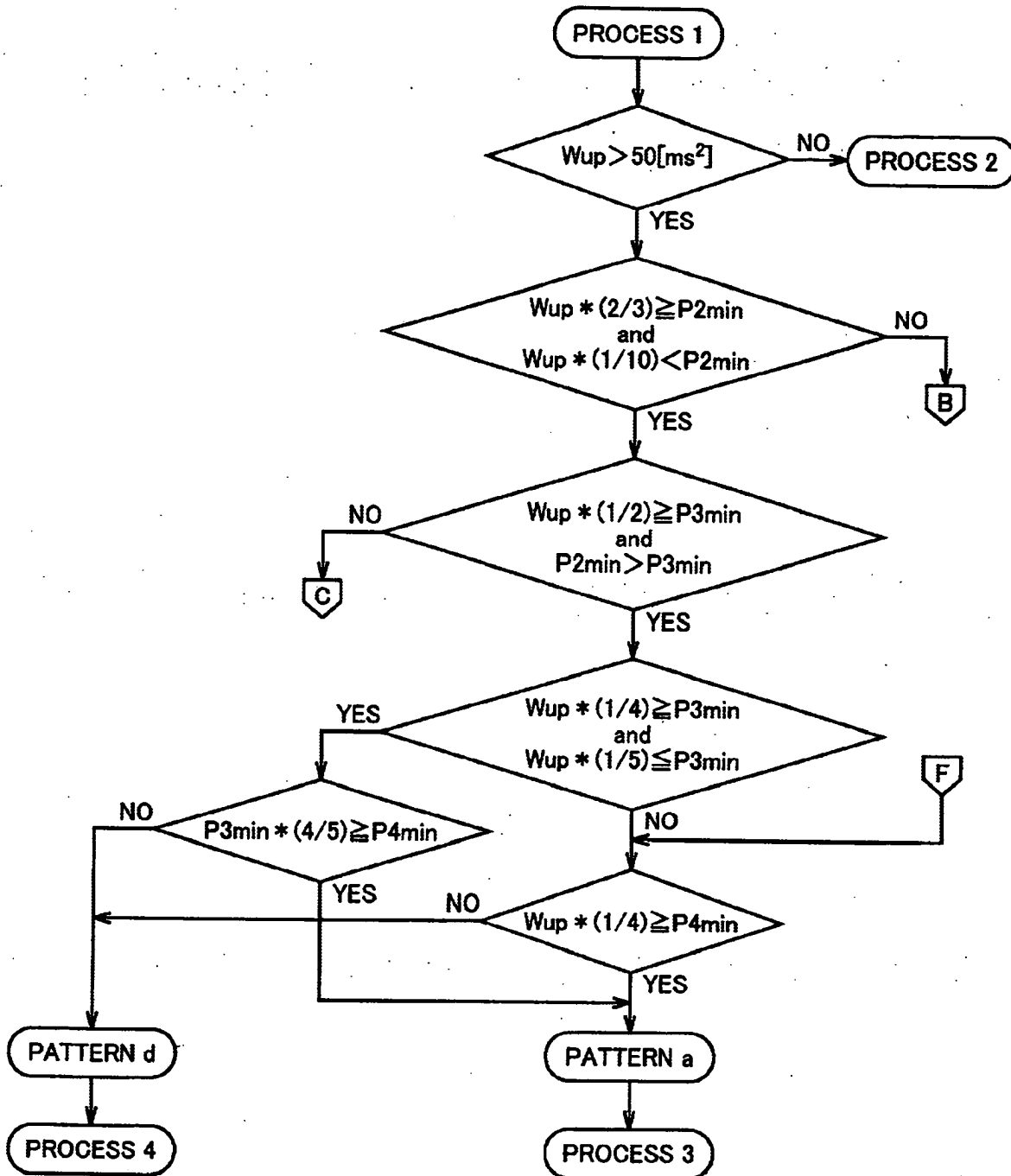


FIG.48



20170720 10:49:27

FIG.49

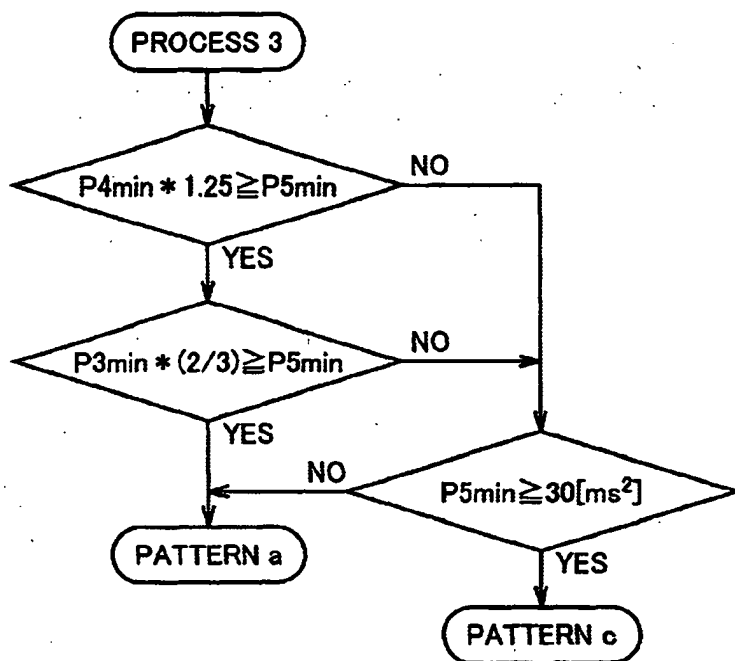
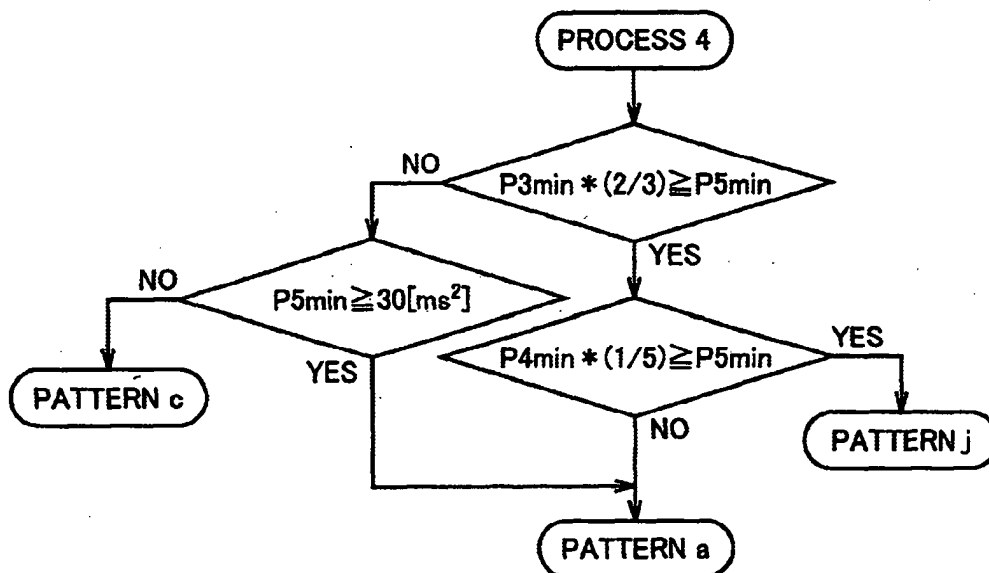
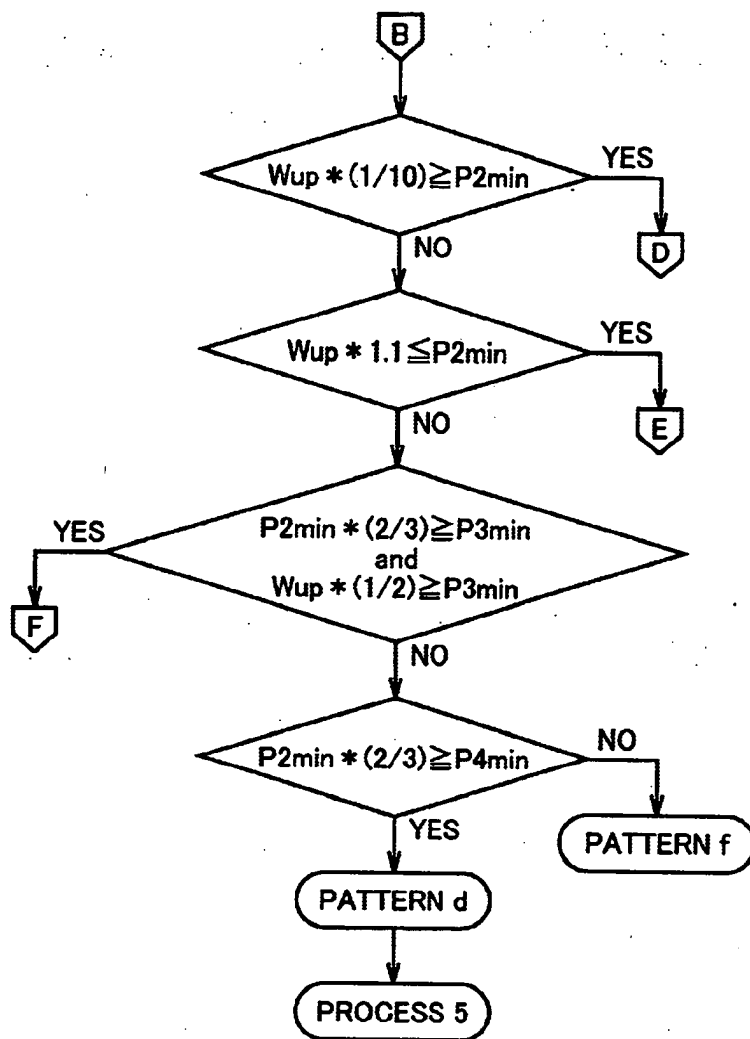


FIG.50



201102 10049297 46264002

FIG.51



201120" 46254007

FIG.52

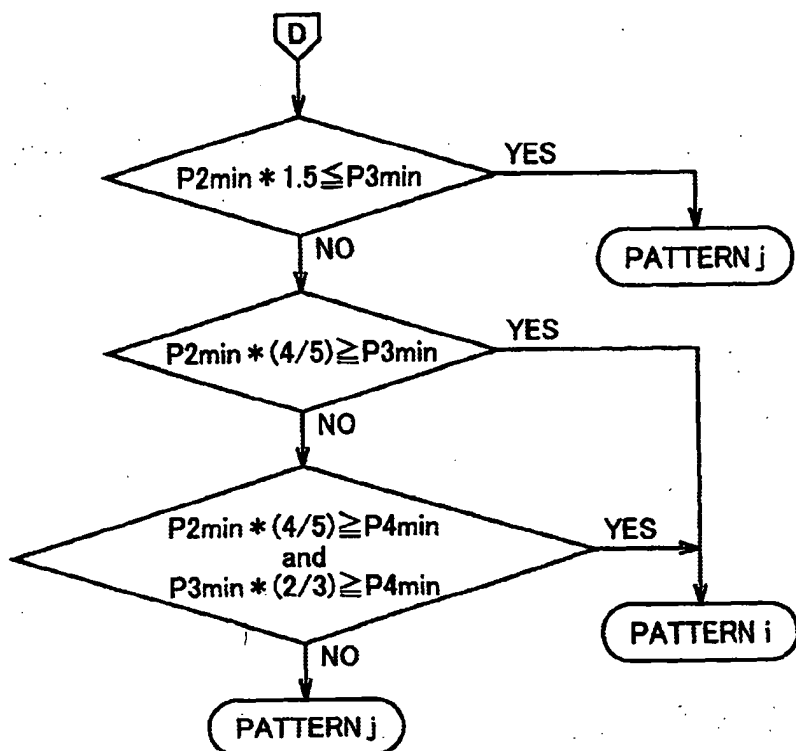
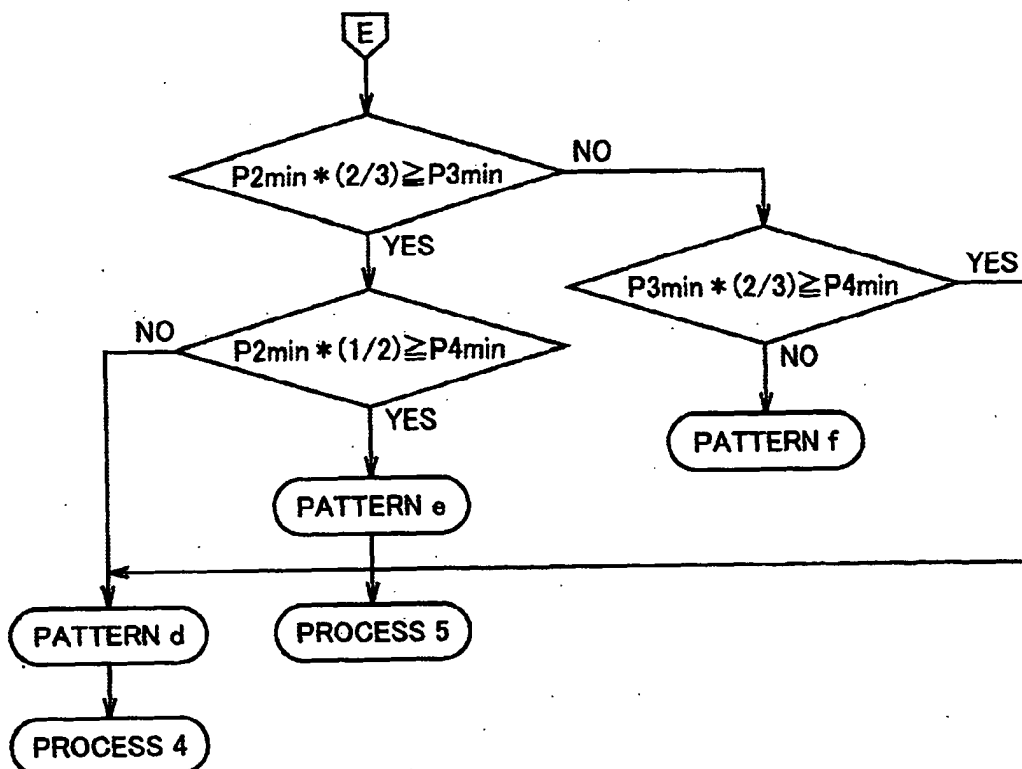
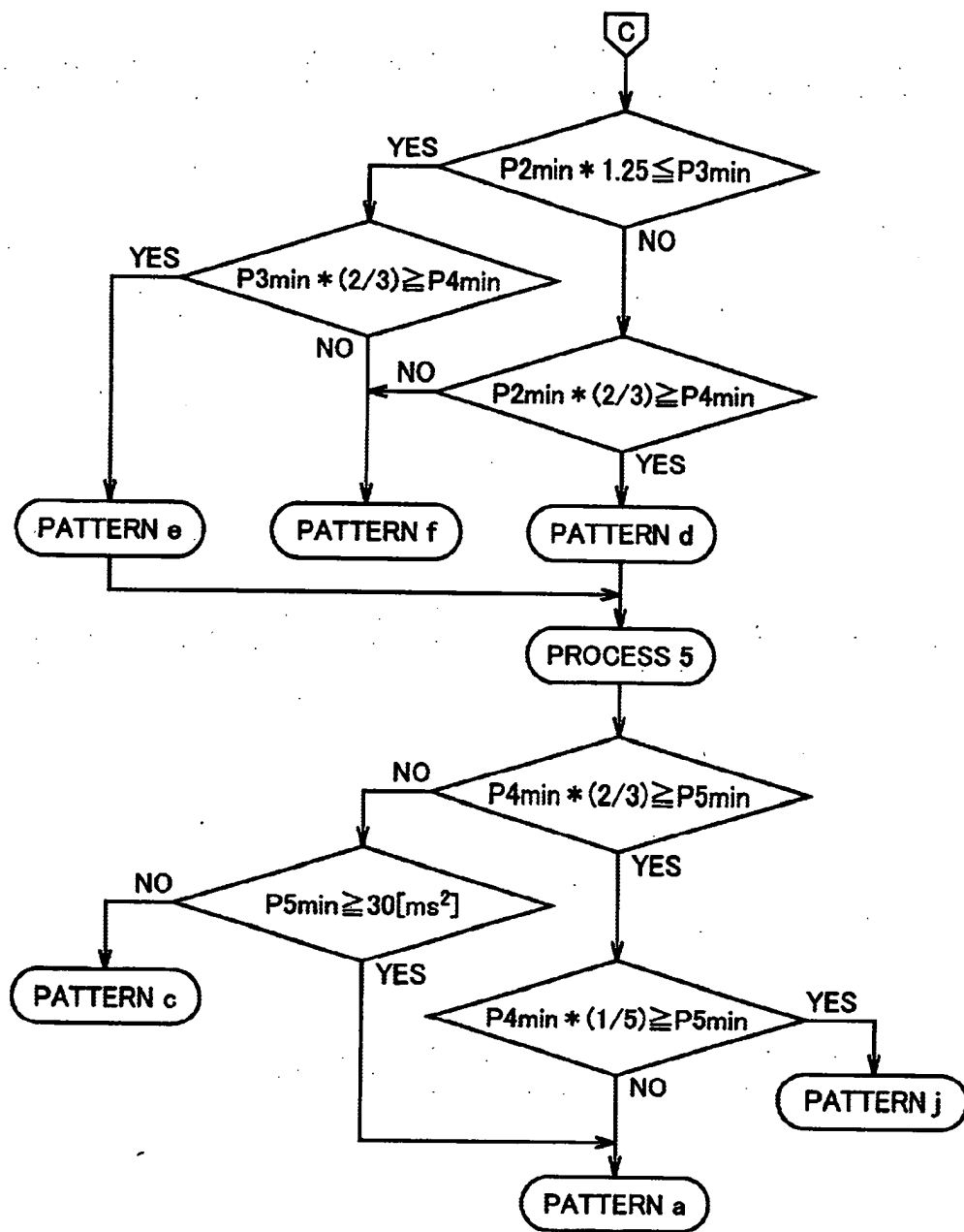


FIG.53



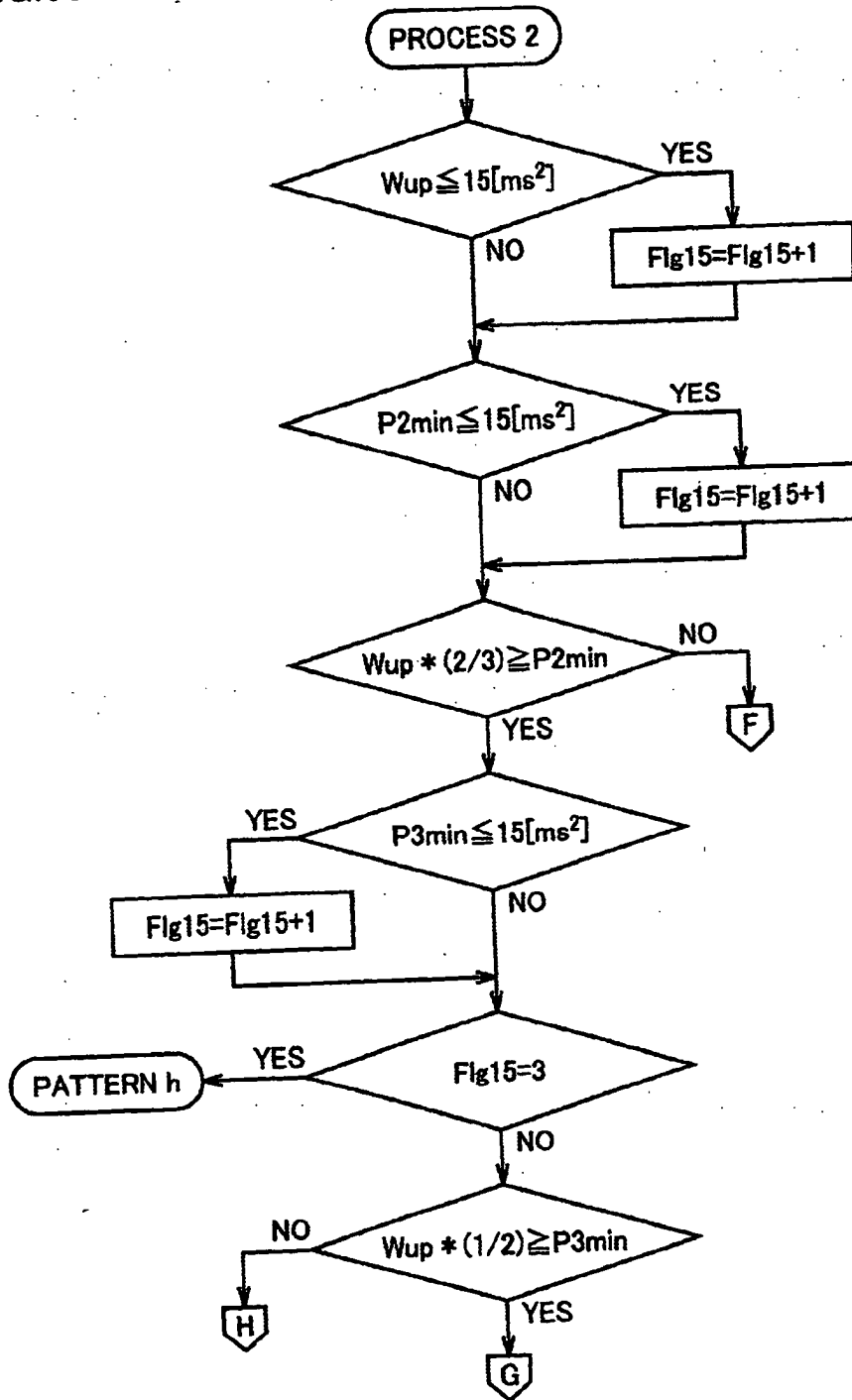
10049297.021102

FIG.54



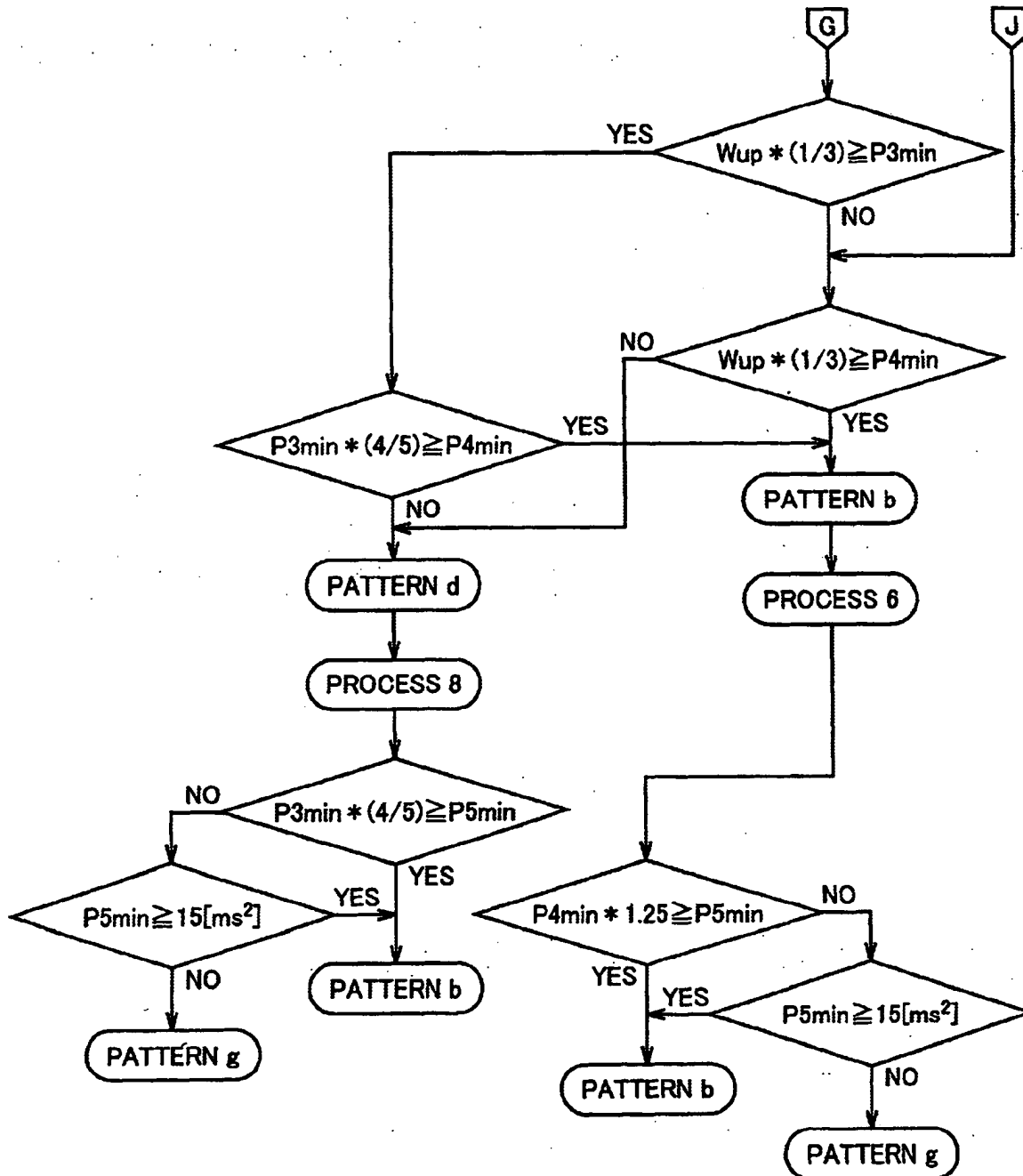
10049297.021102

FIG.55



201720 4625400F
10049297-021102

FIG.56



10049297, 021102

FIG.57

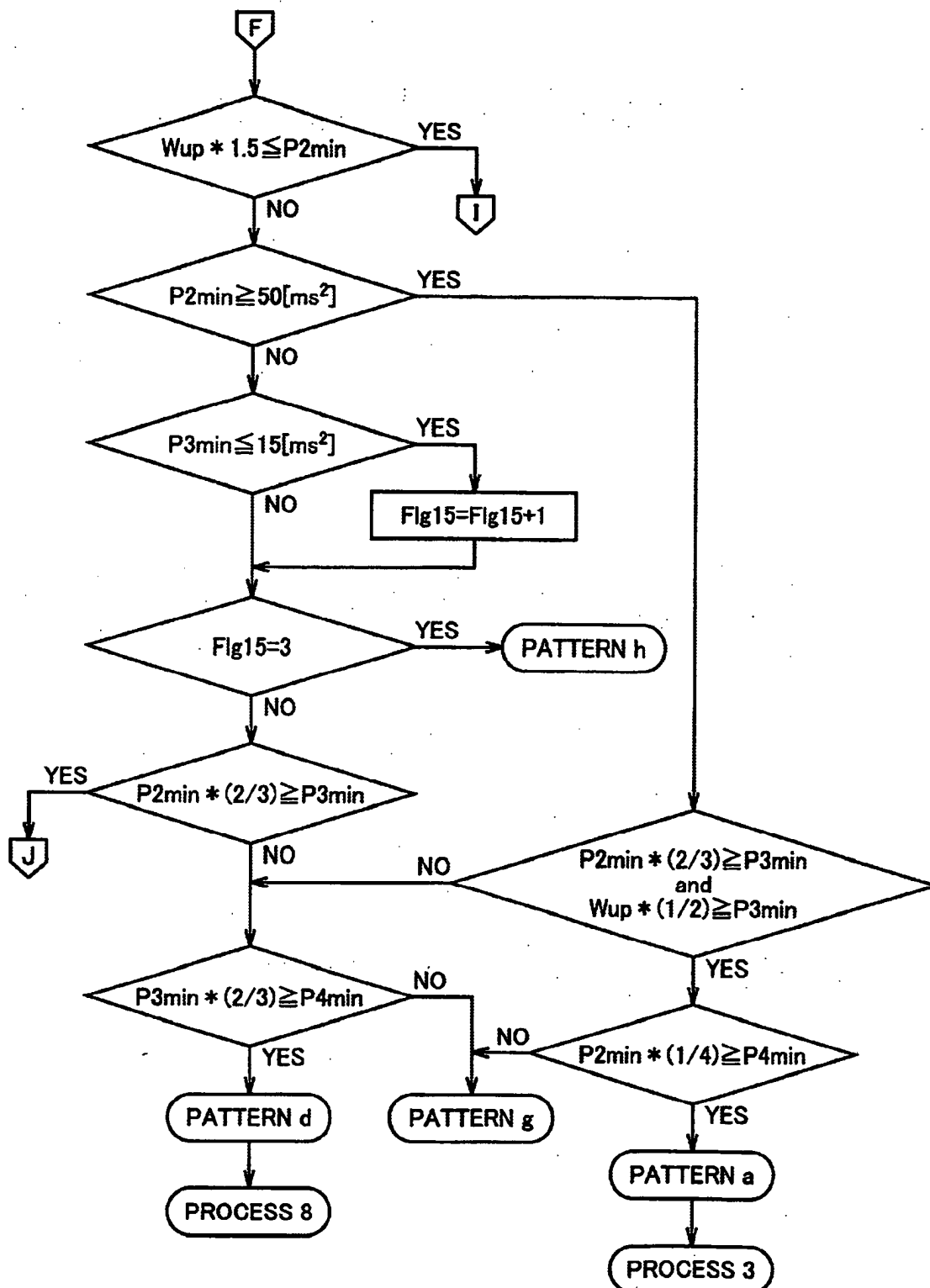


FIG.58

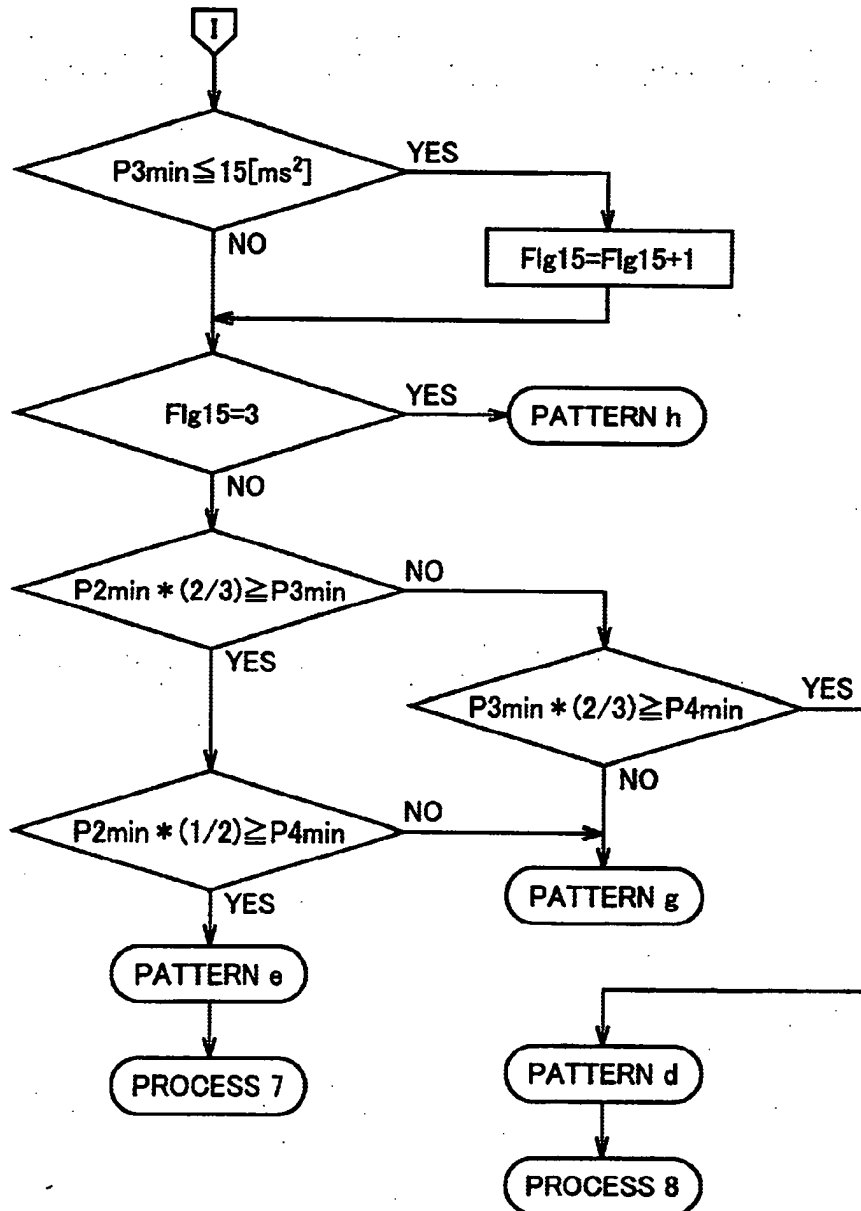


FIG.59

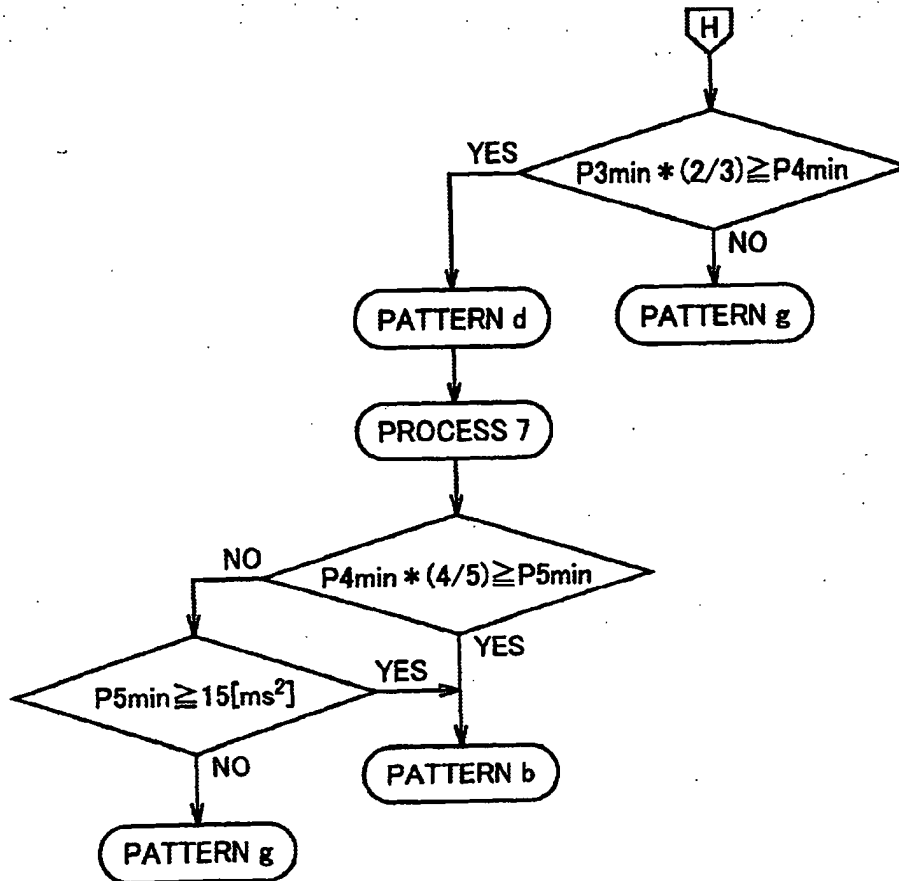


FIG.60A

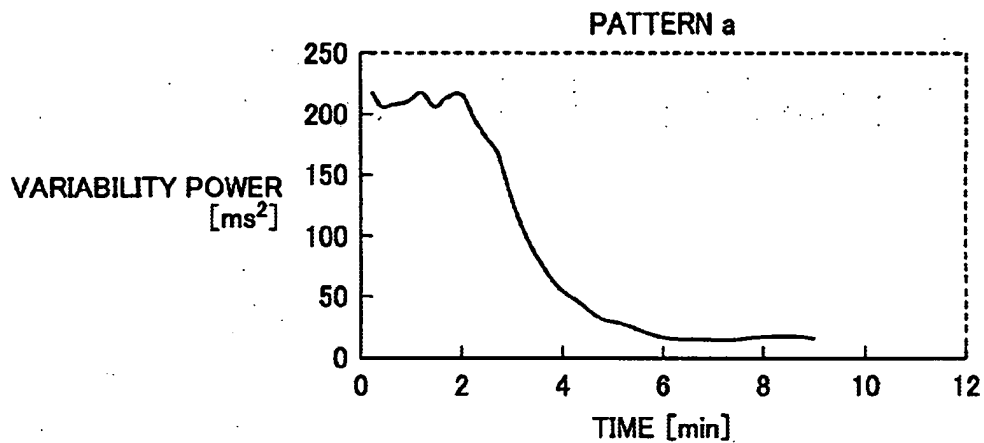


FIG.60B

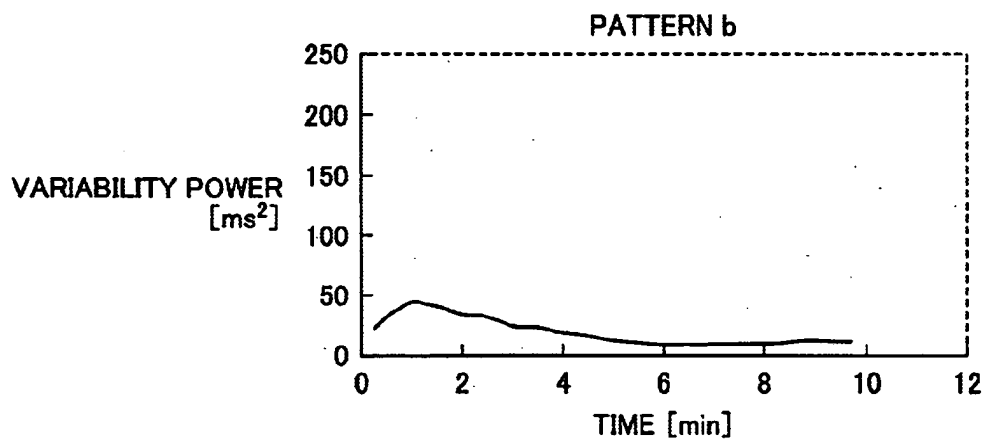


FIG.60C

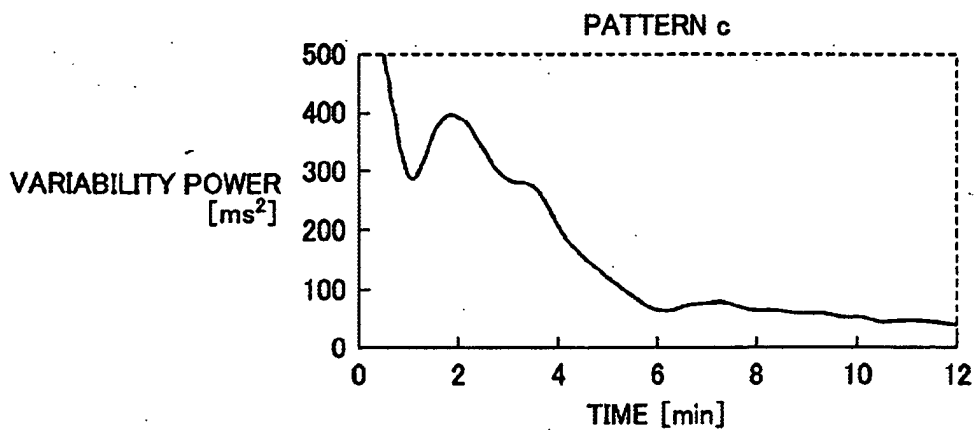


FIG.61A

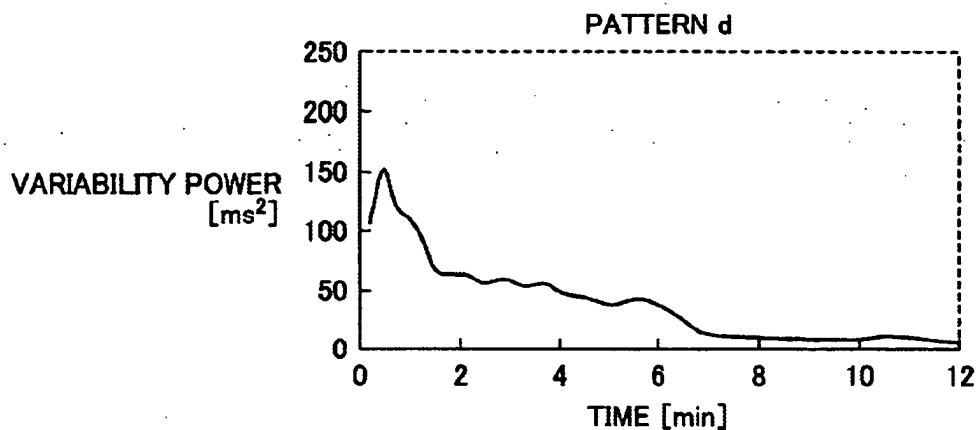


FIG.61B

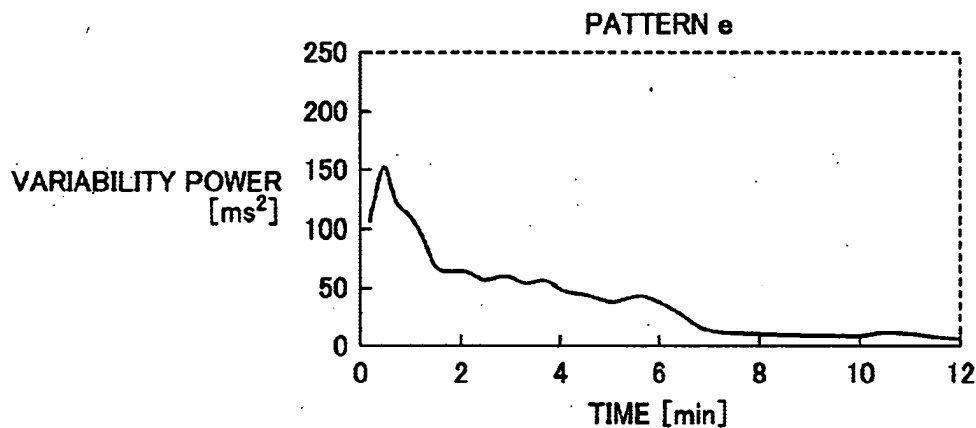


FIG.61C

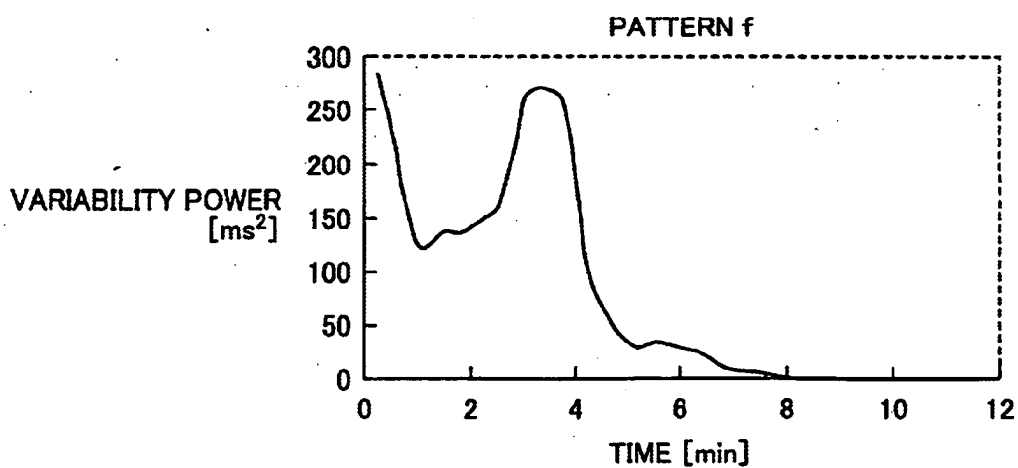


FIG.62A

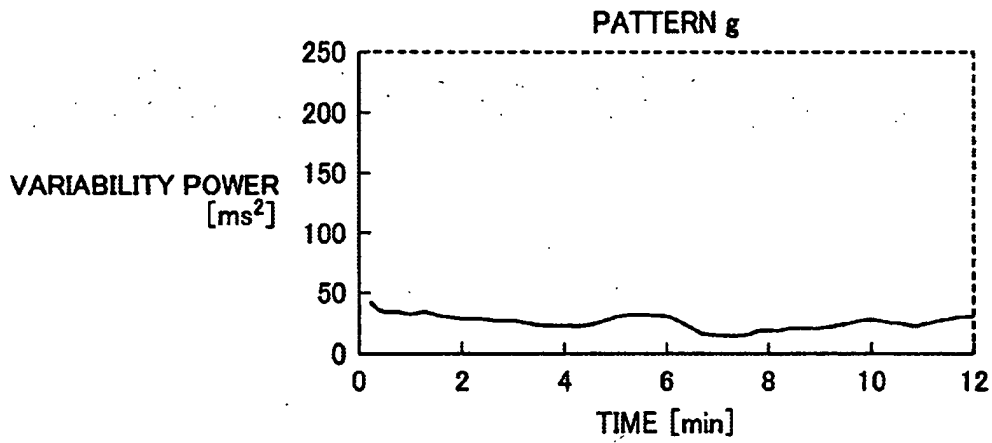


FIG.62B

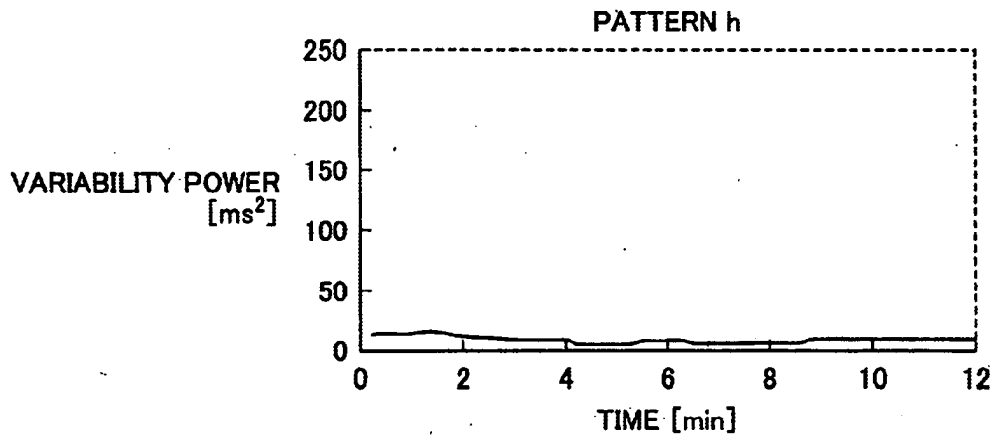


FIG.62C

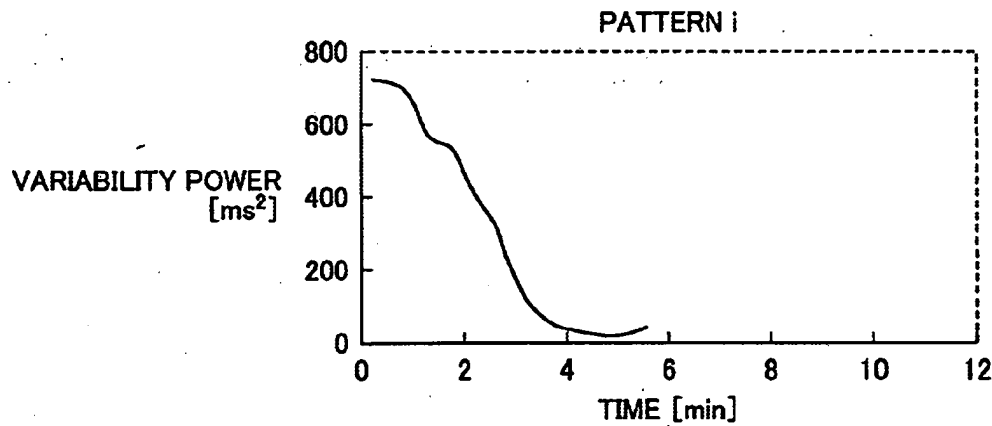


FIG.63

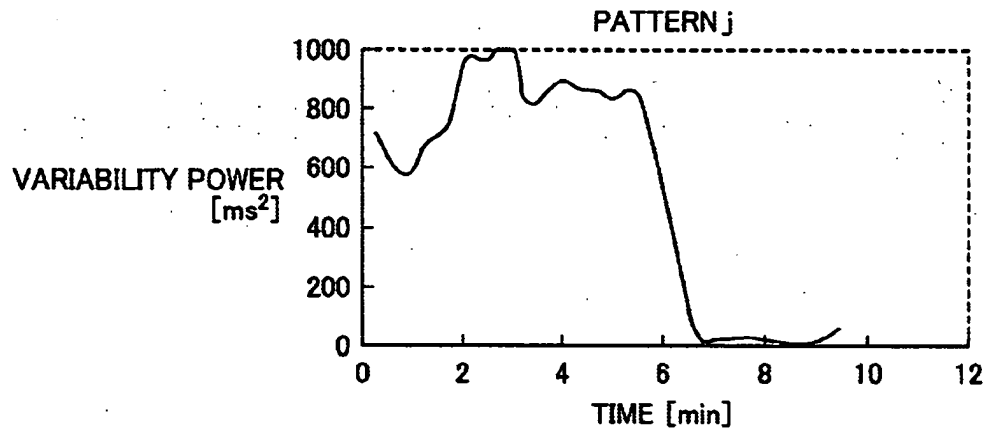


FIG.64A

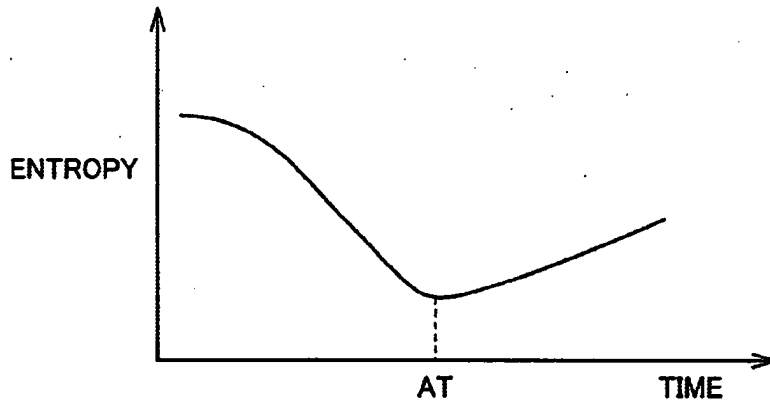


FIG.64B

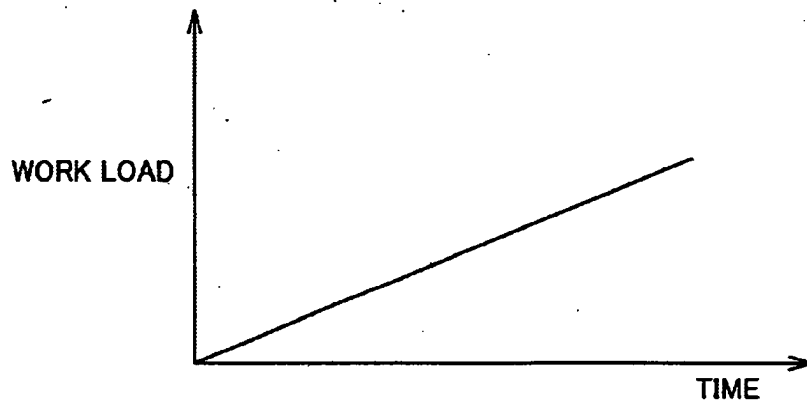


FIG.65 PRIOR ART

